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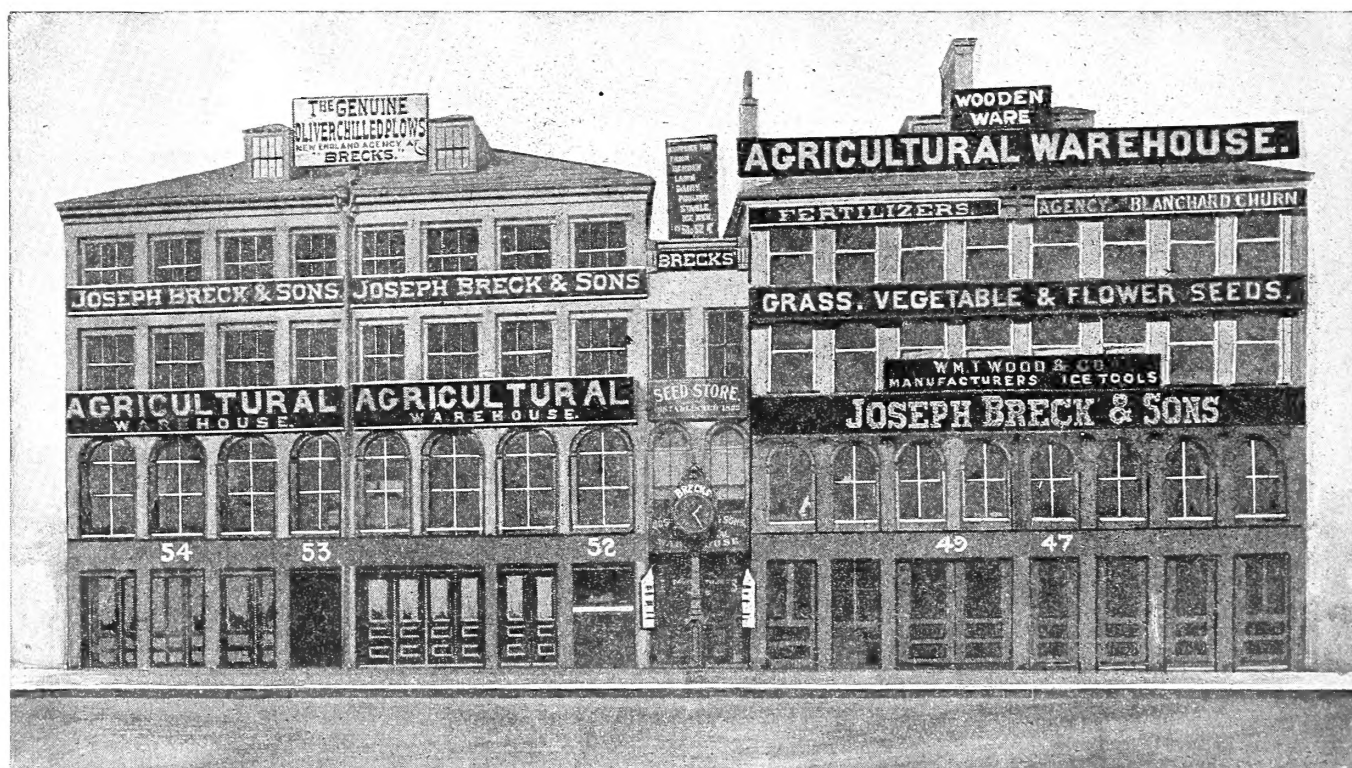
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Register for Next Year's Catalogue.

Our customers and friends, doubtless, to some extent appreciate the expense annually incurred in producing and mailing our General Catalogue, and also the necessity imposed on us through this expense of mailing only to customers or to those who are likely to favor us with orders.

With this in view we endeavor to keep our mailing list up to date by crossing out, after a year or two, all names of persons who have not an account on our books, or who have not left their names either with the salesmen or on the Catalogue Register when making a cash purchase at our store.

We, however, desire that no one who wishes a Catalogue should be slighted, therefore **we request all interested persons who visit our store to register their name and address on the books provided for that purpose.**

This kindness will be appreciated and will be an advantage to our patrons as well as ourselves.

TO OUR CUSTOMERS.

The perfect arrangement of the several departments of our large Seed business, in charge of men specially prepared in this country and Europe, by years of experience in the different branches of the business; the whole under the personal supervision of a Director of the Corporation, who has taken advantage for over twenty-five years of the excellent opportunities for experience afforded at home and abroad to fit him for the work, combined with our knowledge of the best sources of supply, localities for production, the acreage we control and the large purchases we make for cash, enable us, by reason of the greater value of our trade compared with others, to offer seeds that are not surpassed, if indeed equalled in quality and purity, by any. The fact that we have a larger patronage among the leading private and market gardeners and florists throughout the country than any other New England seedsmen is emphatic proof of our experience, integrity and ability to serve planters satisfactorily. To this end we note on every lot of seed sold the percentage of vitality and offer the same subject to the test and analysis of the botanist of any of the State experiment stations, and to properly authenticated complaint being made to us within twenty days from time of purchase of seeds complained of. If the result of the analysis does not confirm the percentage named, we will take back the seeds, and refund the money paid for them, and pay the cost of transportation both ways. Seeds once sown, or the above specified time for complaint having expired, our responsibility ceases, because failures more often occur through a lack of knowledge of the conditions required to produce germination and a good crop than from inherent defects in the seeds. Proper conditions for germination are, correct temperature and moisture, and a free access of air; besides, the soil must be of the right kind, properly prepared, and present no physical obstacles to the germination of the seed, such as a baked surface or too compact soil through heavy rains. Cold and hot winds, insects below and above the ground, are frequent causes of failure. In addition to all this there is an ever constant change of form and type in nature, so that highly selected sorts frequently revert back to originals. This accounts for short pods and long vines among peas that should be long podded and dwarf, green pods on wax beans, green plants appearing among white and yellow sorts of celery, etc., etc. Therefore please

NOTICE.—While we exercise the greatest care to have all Seeds, Plants, Bulbs, and Nursery Stock of the best kind, we do not give, and our agents and employees are forbidden to give, any warranty, express or implied. If you do not accept the goods on these terms, you must return them at once, and all payments therefor will be refunded.

JOSEPH BRECK & SONS (Corporation).

JOSEPH BRECK & SONS' PUBLICATIONS.

(CORPORATION)

We publish the following, and gladly mail any of them free on application.

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Holland Bulbs and Plants, published in September.

Market Gardener's Catalogue, published in February.
(For those who grow for market.)

The Lawn, The Garden. (Sixth edition.)

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Breck's

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When this Bureau was established in 1890 our purpose was to secure to employers a better class of help than they had been obtaining.

How well we have succeeded is shown by the rapid growth of this Department of our business, and the many voluntary statements received concerning its convenience and the high grade of employees furnished.

We mail free on application circulars descriptive of our Bureau, and blank forms whereon employers can state particulars necessary to guide us in selecting suitable employees.

Our Bureau of Registry and Information has certainly improved and elevated the service and we believe it will continue to do so, besides supplying a long-felt want.

Through our large clientage we can serve both employer and employee more promptly and satisfactorily than can any house not having our resources.

The knowledge gained through experience is at the service of employers who desire our aid or advice in the selection of suitable persons for the places they wish to fill.

Bear in mind that no person is sent out from this office whose previous record for character and habits has not been carefully investigated and approved.

We take this opportunity to thank our customers for the business given us and to assure them that our Bureau was never so well prepared to serve them as now; those who have not as yet patronized it are invited to do so, and give us an opportunity to practically demonstrate the benefits to be derived from its use.

Yours respectfully,

Entrance at the "Big Clock,"
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CORPORATION

New England Agricultural Warehouse,
47 to 54 North Market Street,
BOSTON, MASS., U. S. A.

GOLDEN ROLL OF HONOR

"A continuous business relationship of 40 years or more is certainly a fair test of integrity and honorable dealing."

The continued growth of our Golden Roll of Honor is very gratifying to us. It is one of the sources of strength which enables us to maintain the standard that satisfies so many thousands of customers. It indicates the mutual confidence that exists between our patrons and ourselves. It shows that our methods are right, and that we supply our trade with "the best goods at fair prices."

Our business, established over eighty years ago by the grandfather of the Brecks now in control, is still conducted under the same roof, but with its growth, it has spread on all sides, so that we now occupy the entire block bounded by North Market Street, Merchants Row, North Street and Bendall's Lane. Five floors of 10,000 square feet each constitute our salesrooms, offices, and accommodation for a working stock for our retail business.

Our great storehouse of eight floors, in the massive State Street block, affords facilities for carrying and handling goods for our wholesale trade.

For this growth, we are in a great measure indebted to the friends who constitute our Golden Roll of Honor, and to the many new customers they have made for us through their recommendations. We take this opportunity to thank all our friends for their many favors, and we beg to assure them that no effort will be spared to maintain the high standard of goods and service.

This year we are privileged to increase our list by another twelve names, and reproduce on another page photographs of seven old and valued friends.

MR. HORATIO CARTER, Newtonville, Mass., when sending us photographs of his father and himself wrote as follows:—

"My father's dealings with Mr. Breck commenced before he went to Boston, when he had a seed garden in Lancaster, Mass. I do not remember Mr. Breck myself, but know the place in Lancaster which he then occupied. The two families were very intimate, so much so, that one of my sisters bears the name of Mr. Breck's wife—Emily Breck Carter. The intimacy was broken by Mr. Breck's removal to Boston. Though I was too young at that time to know him personally, I have always held him in high esteem; also the firm of which he was the honored head.

"It must be over seventy years ago when he left Lancaster; at any rate it is safe to say that my father commenced to deal with Mr. Breck seventy years ago. My own dealings with the firm were begun before the war, which would be more than forty years ago."

Another good friend, HON. AARON LOW, Hingham Centre, says:—

"It has always been with the pleasantest of recollections I recall my first visit to Boston to buy vegetable seeds to commence market gardening.

"A boy of sixteen years of age, I went to Joseph Breck's seed store to buy what seed I needed, without experience as to best varieties. Mr. Breck took a kindly interest in the boy about to commence his life work and gave him good advice as to kinds to buy of the various classes. Varieties were few in number then as compared with the present time. The advice so kindly given was much appreciated. Although fifty-four years ago I still have pleasant memories of the interest taken in me at that time."

Our records this year also include DR. J. L. SIMONDS, Dorchester, and MR. ANDREW ABLE, South Boston, customers for fifty years, MR. DENNIS TUTTLE, Saxonville, and MR. THOMAS BRASSEL, South Weymouth, customers for forty-five years, MR. E. H. STODDARD, East Brookfield, MR. JOHN CHISHOLM, Round Lake, N. Y., and MR. J. M. CONANT, Maynard, customers for forty years.

We regret to record the passing away on the first of August, 1903, of one whose name is inscribed on our Golden Roll of Honor, MR. NATHANIEL T. ALLEN, West Newton. His death occurred suddenly while he was staying at his summer home at Linekin, Me.

MR. ALLEN was born on the ancestral farm, in the town of Medford. This homestead, purchased from the Indians, has been owned and tilled by seven generations of Allens, noted for longevity, sterling common sense and rugged worth.

The *Boston Herald* in mentioning Mr. Allen's demise said:—

SAINT AND SCHOOL TEACHER.

The late N. T. ALLEN, of West Newton, lived for eighty years a life of truth, sweetness, courage and trust, clear and noble in all its walks and relations, doing dutiful service with unfeigned sincerity to the high causes of virtue, freedom, temperance, education, peace, equal rights and divine righteousness.

Our GOLDEN ROLL OF HONOR.

13

A New Group of Old Friends.



Hon. AARON LOW,
Hingham,
A Customer for 51 Years.



Dr. J. L. SIMONDS,
Dorchester,
A Customer for 50 Years.



Mr. ANDREW ABLE,
Boston,
A Customer for 50 Years.



Mr. GEORGE CARTER.



Mr. HORATIO CARTER.

Father and Son, Customers for Nearly 70 Years.



Mr. D. TUTTLE,
Saxonville,
A Customer for 45 Years.



Mr. E. H. STODDARD,
E. Brookfield,
A Customer for 40 Years.



Mr. J. W. CHISHOLM,
Round Lake, N. Y.
A Customer for 40 Years.

GOLDEN ROLL OF HONOR

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Mr. Horatio Carter	{ and son }	70 years	
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Dr. J. L. Simonds, Dorchester.....		50	"
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Mr. D. Tuttle, Saxonville.....		45	"
Mr. Thomas Brassel, South Weymouth.....		45	"
Mr. E. H. Stoddard, E. Brookfield.....		40	"
Mr. John Chisholm, Round Lake, N. Y.....		40	"
Mr. J. M. Conant, Maynard.....		40	"
*Mr. Robert Murray	{ Father }		
Rev. Robert Murray, Waltham	{ and son }	67	"
Mr. John D. Flagg, Roxbury.....		65	"
Mr. Sam'l A. Thompson, Weymouth Hts.....		55	"
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Mr. Milo H. Shattuck, Groton.....		46	"
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Mr. R. B. Leuchars, Brookline.....		45	"
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Mr. Stead, Woburn.....		51	"
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Mr. J. P. Conant, Stoneham.....		49	"
Mr. Josiah Reed, South Weymouth.....		46	"
*Mr. Franklin King (E. & F. King), Boston.....		71	"
Mr. S. A. Stetson, Boston.....		61	"
*Mr. George Bird, Cambridge.....		71	"
Mr. G. B. Talbot, Norwood.....		61	"
Mr. John S. Richards, Brookline.....		64	"
Mr. S. W. Grant, Wrentham.....		47	"
Mr. C. S. Bates, Cohasset.....		51	"
Mr. Samuel T. Sharpe, Watertown.....		44	"
*Mr. Fearing Burr, Hingham Center.....		61	"
Mr. E. A. Brackett, Winchester.....		52	"
Mr. J. Harrigan, East Foxboro.....		42	"
Mr. Matthew H. Burr, Hingham Center.....		61	"
Mr. Daniel Bowker, Malden.....		67	"
Rev. C. S. Locke, West Dedham.....		43	"
Dr. B. B. Chandler, Hyde Park.....		62	"

* Deceased.

PLEASE NOTICE. We will esteem it a special favor if parties who have traded with us for forty years and upwards will advise us of the fact, with particulars as to length of time of their dealing with us, and of any features of interest that may be connected with the same during these long periods of years. One cannot but agree that when a silvery-haired customer remarks to us, as is not infrequently the case, "I have traded with this house, father, son and grandsons," 40, 50 or even 60 years, as the case may be, the relation between us is a little nearer than that of mere buyer and seller, and that it is not surprising we feel it to be so.

NEW AND UNUSUALLY GOOD THINGS. 1904.

Besides a few really good new things, we include under this heading a number of our own specialties. **THEY ARE THE HIGHEST TYPES YET PRODUCED IN THEIR RESPECTIVE CLASSES.**

Golden Carmine Podded Horticultural Pole Bean-



• HALF SIZE GOLDEN CARMINE •

Throughout New England there is no class of shell beans so popular as the horticultural varieties. In recent years there have been material improvements effected in the several strains — both pole and bush — but in this new sort we cap the climax. It is a wonderfully robust grower, a week to ten days earlier than Worcester Horticultural Pole. In comparison the pods are equally as large, stringless, bright golden color when very young. As the pods approach full size they are mottled and streaked with an unusually bright carmine color on the bright golden, which gives the pods a strikingly beautiful and attractive appearance. This, together with its productiveness, will make it the most desirable strain of this well known and popular bean. Pkt. 10 cts.; qt. 40 cts.; pk. \$2.50.

Breck's Boston Snap Bush Bean.

A distinct and decided improvement over all green podded stringless beans yet offered. It is a "sport" from the favorite Long Yellow Six Weeks, but surpasses that sort in every desirable particular; being **larger podded, more prolific, hardier, earlier, better flavored, and practically stringless** in all stages of its growth.

The plants are of very vigorous habit and so far have been proof against rust and mildew. They bloom and produce pods fit for the table earlier than any variety we know besides continuing



Breck's Boston Snap Bush Bean.

their productiveness for several weeks, thus making them especially useful for the home garden. The pods are extra long, thick, very meaty, tender, fine flavored and pleasing in color.

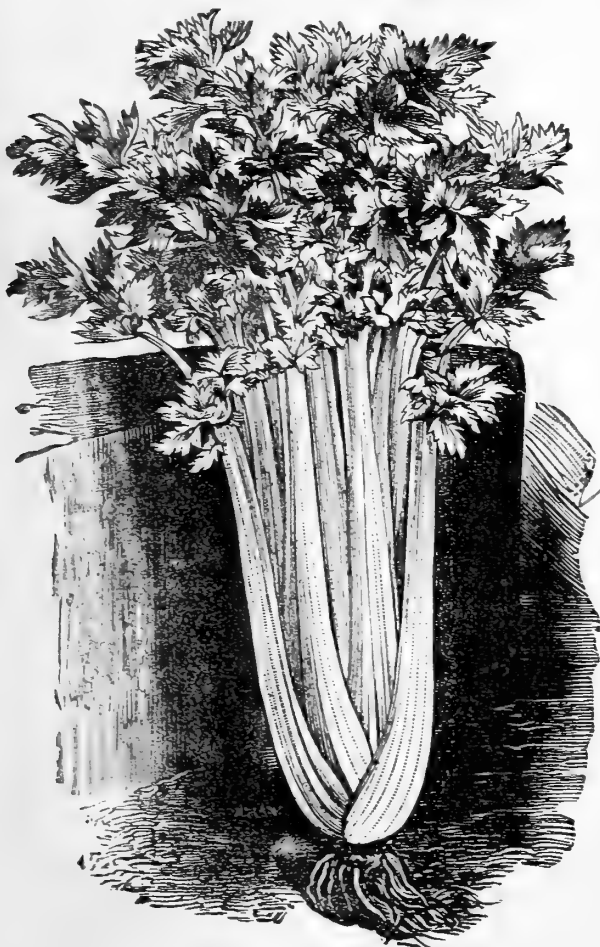
We feel confident that this new strain will become extremely popular as soon as it is known. Market growers will appreciate it for its earliness, productiveness and fine appearance, while consumers will esteem it because of its unequalled table qualities. Pkt. 10 cts.; qt. 30 cts.; pk. \$2.00.

Breck's Boston Market Celery.

The seed we offer under this name is grown especially for us by a leading Arlington market gardener. The strain is generally acknowledged to be the best raised in that town and always realizes the highest prices in the market. Our stock this season is rather limited, therefore we recommend those who wish to grow some of the "real thing" to place their orders early. Pkt. 10 cts.; oz. 40 cts.; ¼ lb. \$1.25; lb. \$5.00.

Breck's Paris Golden or Self-Blanching Celery.

This strain has become deservedly popular. Many leading growers use it exclusively. Already many gardeners who planted it last season have bought for spring of 1904. The seed is originator's stock, French grown. It contains only a very few green plants, and is of unusually firm, crisp quality. Our customers consider it without a peer. Pkt. 10 cts.; oz. 50 cts.; ¼ lb. \$1.50; lb. \$6.00.



Breck's Paris Golden Celery.

Allow me to say that the goods purchased of you during the past year in every way sustained the high standard of previous years, and were perfectly satisfactory and as represented.

R. M. HANDY, Mgr.,
Cherry Hill Farm, Beverly, Mass.



"This our fathers bought for us long and long ago."

Breck's Old Glory Pea.

Sold last year under the name of No. 999.

Awarded First Prize Massachusetts Horticultural Society, 1903.

Our offer last spring of a fifty-dollar prize for a suitable name for our

New Extra Early Weather-proof Pea.

resulted in its being bought, grown and eaten by thousands of planters.

The names sent us in competition for the prize were so numerous, and in most instances so very good, that the committee of five persons appointed to select the one they deemed most appropriate had considerable difficulty in reaching a decision. A first selection of what were considered best was made, and from this reduced list the name

Old Glory Was Chosen, Because it is Representative of The Best,

and a check for the sum of fifty dollars was sent to Mr. Joseph Wood, Pittsfield, Mass., who suggested the name.

We trust the unusual qualities found in this pea by the many who planted it will enable all to recognize the justice in the selection, and induce them to continue to plant

Breck's Old Glory Pea.

We append Mr. Wood's letter, also the experiences and opinions of a few of those persons who grew No. 999 last season.

The letters received were all unanimous in expressing the belief that this new pea surpasses in every particular any sort yet offered.

PITTSFIELD, MASS., July 20, 1903.

MESSRS. JOSEPH BRECK & SONS, Boston, Mass.

Gentlemen:—In reference to your 999 pea, and for which I was fortunate enough to select a name, viz., "Old Glory," which met with your approval, and thus enabled me to win the prize of fifty dollars offered by you, I take pleasure in giving you my experience of same.

On May 1 I put in four sowings along with your 999 pea, under the same conditions, and on June 27 I had the pleasure of gathering several pounds of well-filled pods from a fifteen-cent package, being six days earlier than Breck's Excelsior and Probatum, and nine days earlier than Gradus and Claudit. The pods averaged eight to ten fine peas, so that I had no hesitation in naming it *Good "Old Glory,"* which is always foremost.

I shall certainly grow it largely next year. Yours sincerely, JOSEPH WOOD.

I planted the seed in good soil, and found them to be strong, vigorous growers, good bearers of large sized pods, peas large and of the finest quality and flavor. I exhibited some at the Hingham Monthly Exhibition in July, and also at Massachusetts Horticultural Society exhibition, and was awarded first prize on both exhibits.

AARON LOW, Hingham Centre, Mass.

Would say from two packages I have picked two pecks, and will have one peck more,—longest pod, five and one-eighth inches; greatest number of peas in pod, eleven.

HENRY C. HALLETT, South Hyannis, Mass.

It excels in quality, yield and earliness.

ELLERY C. BATES, Beechwood, Mass.



BRECK'S OLD GLORY PEA.

The 999 peas bought of you turned out to be all that a farmer could desire; the vines are both hardy growers and large yielders. A trial dish of the peas convinced us that their standard as a food has not been reached by any other pea. T. MCKAY DOE, Halifax, Mass.

On April 10, 1903, I planted a package of your 999 pea. Considering the exceedingly dry weather during May I think they have done remarkably well, as we had them for table use June 28. Have used Breck's Excelsior for an early pea, but consider No. 999 better in every way,—flavor excellent, very productive, and under unfavorable conditions has produced good results. J. L. GOULD, Melrose, Mass.

Enclosed find envelope of No. 999 pea. The season has been very dry, and storm and rain broke the vines down, but we still had about two pecks from sample. They are excellent and very sweet,—sweet as honey. JOHN A. ANDERSON, Brockway, Conn.

You will be interested to know that we picked and ate of your 999 prize pea first on June 14, and notwithstanding the extreme drought the vines were then and are now just loaded with pods. They surpass anything we have ever grown in sweetness, flavor and size. MRS. W. H. GARDNER, Wellesley Hills, Mass.

I have eaten No. 999 pea, and must say that for flavor and sweetness it is of a superior quality. Since the peas came out of the ground, we have had a number of heavy frosts, then a drought, and last a three weeks' flood. C. W. GILMAN, Wolfboro, N. H.

I considered them as early as the Alaska and a sweeter pea to eat. I think them a perfect family pea. ADRIAN F. JONES, Belfast, Maine.

Your 999 pea, of which I planted three packages, is the treat of the season. I planted at same time with two other extra early sorts, and am pleased to state that I was able to make two pickings of 999 before the others reached maturity. The pods for an extra early pea (such as they have proved themselves to be) are of good size, and almost every pod contained from eight to ten peas of the finest quality. In the future your 999 pea will have a prominent place in my garden. HENRY MENKEN, Supt. to F. M. Whitehouse, Manchester, Mass.

Of the four different kinds of peas, I have found that the 999 excels them all. I sowed them the 23d day of April and picked them the 27th day of June. It has been a very unfavorable year, — with better weather their conditions would have been better. FRANK FOOTE, Ward Hill, Mass.

I planted your 999 peas the same day and under the same conditions as the Gradus; the ground was a hillside and I planted the peas from the apex to the base, so you see we had both high and low land. We planted March 15th, and had peas June 12th, or three days before Gradus. The vine of 999 is heavier, darker green, a trifle taller, and hardier than Gradus. We had to use Bordeaux Mixture on Gradus during the long, cold, wet spell of weather we had this season, but 999 was not touched by mildew.

Taking it altogether I consider it the finest pea in cultivation, both for garden and table, the great full pods of beautiful color and form, so early, so rich in saccharine matter, and so delightful in flavor. GEORGE H. CRAIG, Supt. to W. H. Ames, Esq., North Easton, Mass.

I think the No. 999 peas are the best kind in the world, and the earliest of any I have tried. I have tested five kinds this year, — your 999 and one other sort were the only ones that did not get cut down by the frost. It has been the worst season I have known, and I think there were not any extra early peas raised in this neighborhood this year. The few No. 999 are all the early ones I have.

I really think they would grow in Klondike, for they stood up through a frost which killed the leaves on the trees, — they are early enough to grow in the Klondike.

FRANCIS M. MERRILL, Pittsfield, N. H.


The following is the description under which we sent this new pea out last spring:

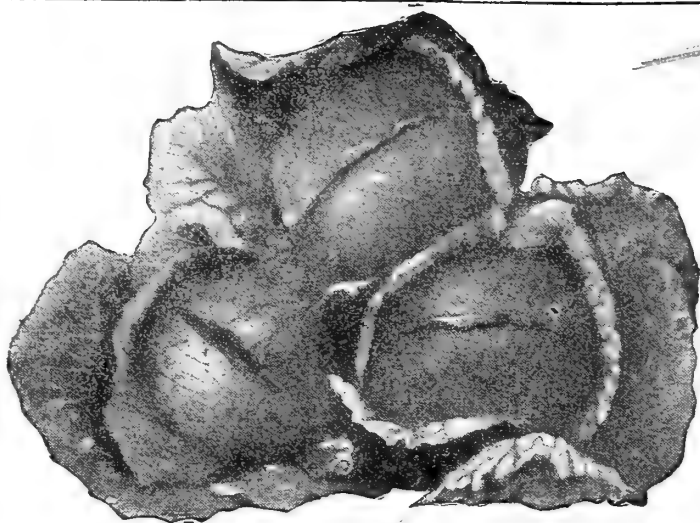
"The cut of Breck's No. 999 Pea herewith is reproduced from a photograph made on June 14, 1902. The two large pods fairly represent our wonderful new extra early pea. The small pod is a good sample of Alaska. No. 999 averages eight to nine large peas to the pod, the other about five. The seed from which these three pods were produced was planted on the same day and grown under exactly similar conditions. No. 999 is as large podded as the famous Gradus, the color is as dark a green, the pods are much better filled and the quality is at least quite equal. The plants have a better constitution and are of hardier habit, so that the seed may be sown as early in the season as any of the hard-seeded extra early sorts, without any more risk of their rotting through unfavorable weather.

"This pea is practically in a class by itself, and taken all in all is without an equal in any respect either as a market sort or for the home table."

Although the past season was rather an unfavorable one for peas, we have harvested a good crop of this sort, and consequently offer it in quantity this spring at very moderate prices.

Pkt. 10 cts.; qt. 45 cts.; peck \$3.00; bush. \$10.00.



**Glory Cabbage.****Breck's Glory Cabbage.**

This new variety possesses two very important qualities, namely, **Earliness** and **Size**. It comes as soon as *Henderson's Early Summer*, but is larger than that sort. The heads are round, ball-shaped, firm, heavy and with few outer leaves. The color is a very attractive pale green. Sure to become popular when known. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25.

Breck's Private Stock Warren Stone Mason Cabbage.

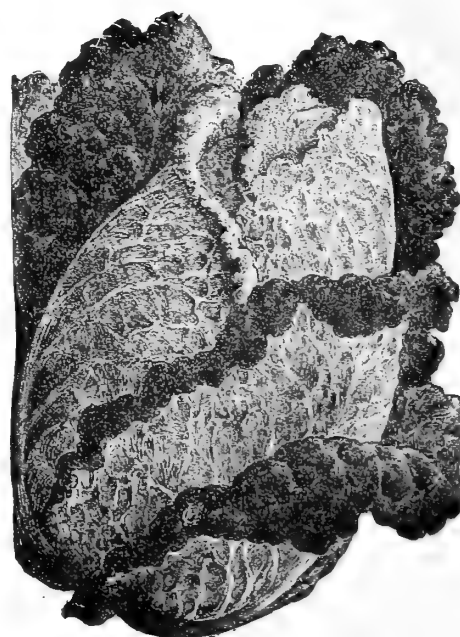
We consider this selection of this popular variety the best yet offered. It is grown in Essex County, Massachusetts, especially for our trade. It has few loose leaves, is very round and perfectly solid. Great care is exercised in selecting perfect heads from which to save seed. We recommend *Breck's Private Stock* as the best and most popular that is offered in the Boston market. Pkt. 10 cts.; oz. 35 cts.; $\frac{1}{4}$ lb. \$1.00; lb. \$4.00.

**Breck's Forcing White Spine Cucumber.****Breck's Pyramid Savoy Cabbage.**

The Savoy Cabbages generally grown are of the *Drumhead* type and because of their outer leaves require to be planted far apart, Breck's Pyramid Savoy resembles somewhat the old sugar loaf summer cabbage, but has very few loose outside leaves. It can be planted very closely and in well manured soil it will produce remarkably solid heads of a beautiful yellowish green color. It is quite like Brussels Sprouts in its mild flavor. It should be set out end of June or early July for winter use. Pkt. 15 cts.; 3 pkts. for 40 cts.

Breck's Forcing White Spine Cucumber.

This strain is without doubt the best in all respects that is brought to the Boston market. The fruit is of uniform size and color, and is of mild flavor, very firm texture, with few seeds. It is a pedigree strain selected by an Arlington market gardener for a great many years. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25.

**Breck's Pyramid Savoy Cabbage.****✓ Cumberland Cucumber.**

It is of the hardy White Spine type; is a rapid, strong and vigorous grower and very prolific in fruit. The pickles differ from all other hardy sorts in being thickly set with fine spines over the entire surface, except the extreme end; and during the whole period of growth, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being as choice as a slicing variety as it is for pickles. The flesh is firm but very crisp and tender at all stages. We offer it as **The Best Pickling Cucumber Known**. Pkt. 10 cts.; oz. 25 cts.; $\frac{1}{4}$ lb. 75 cts.; lb. \$2.50.

✓ Boston Crumpled Leaf Lettuce.

This Lettuce is of unusual size and unsurpassed firmness for shipping. It forms a very solid head. The outside leaves are slightly crumpled and of a dark green in color that enables it to retain a fresh-cut appearance longer than any other sort. It is of delicious flavor and very tender. Although of great size it is a sure header and of extremely quick growth; heart decay hitherto has not affected it. The plants should not be set less than 8 inches apart, as they usually attain a size that packs three dozen to a barrel box. Pkt. 10 cts.; oz. 40 cts.; $\frac{1}{4}$ lb. \$1.25; lb. \$4.50.

✓ Giant Crystal Head Lettuce.

A new type of cabbage or heading Lettuce that is remarkable for size, firmness, weight and long keeping qualities. The outside leaves are bright green, slightly tinged with red. The inside is white with a yellowish heart. It is very crisp, tender and of fine flavor. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00.

✓ Giant Golden Heart Lettuce.

A gigantic new variety selected from a "sport" of the *Giant Crystal Head*, from which it differs in its greater size, deeper yellow color of heart, and the almost entire absence of red on the outer leaves. The heads often measure 15 inches across, and are unusually solid. It has but slight tendency to run to seed and will remain fit for table use for many weeks, even in summer weather. Pkt. 10 cts.; oz. 30 cts.; $\frac{1}{4}$ lb. \$1.00.

See Special Offers on third page of cover.

Thomas Laxton Pea.

A decided improvement on *Gradus*, from which it is crossed with an extra early sort. It is the best early wrinkled pea yet produced. It grows about 3 feet high, is very productive; the well-filled pods are as large as those of *Gradus*, and of a darker color. It is said to be earlier and hardier than *Gradus*. Pkt. 15 cts.; pt. 25 cts.; qt. 50 cts.; pk. \$3.25; bu. \$12.00.

Can you supply me with one-half bushel Thomas Laxton Pea? If so, will you please hold them for me I shall be in Boston some time in March and will then call and pay for them, when they can be sent to my address here.

I had a few from you last year, and liked them so well that I seeded the whole crop. Grown side by side with Gradus they were larger, earlier and a better cropper.

S. E. FRISBIE,

Milford, Conn.

New Dwarf Champion Pea.

In offering this new pea, we are filling a long felt want. A pea with all the merits of the well-known and reliable Champion of England, being hardy and excellent quality, but less vine, larger pods and more of them. In this pea we have a hardy, robust and vigorous grower, productive of handsome dark green pods of good size and in great abundance, and the quality is unsurpassed. Height of vine about 26 inches. Season, coming in after the Little Gem. For a reliable staple market variety we believe it will fully meet the conditions required. Pkt. 10 cts.; qt. 30 cts.; pk. \$1.50.

Breck's Green Crest Parsley.

Parsley is always in demand both for flavoring and garnishing. The varieties now on the market do not seem to combine in the highest degree the two qualities necessary for these purposes, namely, beauty and aroma. In this new sort, which is the result of several years' careful selection by a market gardener, we have secured the required characteristics. The plants are of very strong growth, and produce great, beautiful, fern-like leaves on very strong stems. The color is very attractive; an unusually deep green. The flavor is especially good both when fresh and in the dried state, and gives the desired aroma and taste to soups, sauces, dressing, etc. This variety will be found suitable alike for the open ground, frames in winter, or the kitchen window-box. Pkt. 10; oz. 15; $\frac{1}{4}$ lb. 30 cts.



Breck's Green Crest Parsley.

The seeds that I bought of you last year were better than I ever used before, and gave good results.
W. P. McCOBB,
Lincolnville, Me.

**Grimson Giant Forcing Turnip Radish.**

This new type differs radically from all forcing sorts heretofore offered in so far as its roots attain to more than double the size without getting pithy or hollow. The present forcing favorites as a rule measure two to three inches in circumference and weigh only about one-fourth of an ounce when in best condition for use. This new sort develops roots six to seven inches in circumference and over one ounce in weight, the pure white flesh remaining firm and crisp and of the mildest flavor. This new sort is bound to take the leading place, as soon as known, both with market and private growers. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

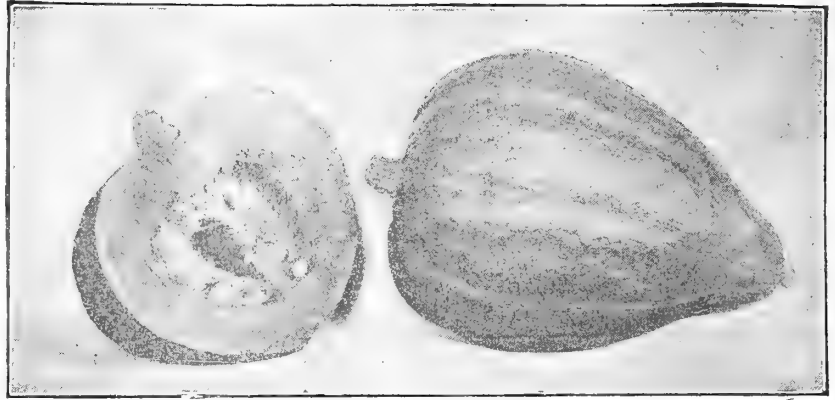
Grimson Winter Rhubarb.

A new variety introduced from Australia by Luther Burbank. Its great value lies in its earliness. In the mild climate of California it starts into growth in the fall and produces marketable stalks fully six months earlier than any other sort. For forcing here in the North it offers great advantages, as it is a vigorous grower and produces as great a crop as any other variety. The stalks average twelve to eighteen inches in length, and about three-fourths to one inch in diameter. They are of a pale greenish crimson color, turning when cooked to a light clear crimson and are of the very best quality. When established the roots are as hardy as the common sorts. As yet the supply is quite limited and it is not likely that at the present price it will be bought in large quantities, but the roots will soon increase in size so that those who buy now will be able to divide them in a year or two; meantime the crop produced will more than offset the original cost. Strong roots, each 75 cts.; doz. \$7.00.

See Special Offers on third page of cover.

Delicious Squash.

Presumably because of Mr. Gregory's fame as a raiser of squash there was a very large demand last season for his latest production, the Delicious. The strong claim made for it was *quality*. We are glad to report that hundreds of our customers who bought a packet or two of the seed are prepared to fully endorse all that the originator says in its favor. It is not quite so large as the popular Hubbard but it is thicker meated and of decidedly better quality. We expect it will be very generally planted this year. Mr. Gregory says of this, his latest production: "From the resulting cross we have been selecting every season for our seed stock the thickest meated specimens, and the very best for quality. The final result is a squash that, by the universal agreement of those who have tested it, in quality surpasses every one of the fine varieties that I have from time to time introduced. In form the Delicious ranges between the types shown in the illustration. Its color is almost uniformly of a green shade, with occasionally a blue specimen. In size it ranges between five and ten pounds. The flesh is very thick and of a dark orange color. It is a good full variety, but its unusual quality is most apparent when fully ripe." Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

**Delicious Squash.****Livingston's Dwarf Stone Tomato.****Livingston's Dwarf Stone Tomato.**

This is another splendid new variety from *Livingston*. In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The fruit resembles Livingston's Stone in color, shape and what is more remarkable, for an erect sort it is practically same size. Ten fruits picked from one vine at same time weighed five pounds, three ounces. Five fruits selected by eye for average size weighed two pounds, nine ounces. This was under field cultivation on farm land, with no fertilizer. Specimens weighing one pound each are quite common. The New Dwarf Stone is fully double the size of Dwarf Champion, and yet equally as early. It is fully as prolific, and consequently vastly more productive. *Livingston's New Dwarf Stone* admits of very close planting, at least a half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18 x 24 inches apart each way, and yet produce an abundant crop. The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens very evenly, and is of most excellent quality. Pkt., 15 cts.; 2 pkts., 25 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Early Red Top Globe Turnip.

A variety that for a number of years has been very popular in England on account of its quick growth, sound, plump flesh and mild flavor. Recently it has also become a favorite with the market gardeners who grow for the New York market. It is a cut leaf sort, globe shape, and quite as early as the well known Red Top Flat Strap Leaf kind, which we believe it will supersede as soon as it is generally known. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Green Top Stone Turnip.

One of the most desirable summer turnips for the home garden yet introduced. It forms a smooth, clean, firm bulb. The flesh is white, firm and sweet. It is ready for the table under favorable conditions in about six weeks from the time of sowing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

I wish to state that I have been perfectly satisfied with all goods purchased from you the past seven years. Your methods of doing business cannot be excelled and I shall gladly recommend your house to my friends.

JOHN QUEENY, Glenn Rose Farm, East Braintree, Mass.



BRECK'S

VEGETABLE

SEEDS

THE VARIETIES HERE LISTED ARE

"THE BEST"

and will under ordinarily favorable conditions **give planters perfect satisfaction.** All are grown from **selected seed stocks**, and are, we believe, the best of their respective classes. **We guarantee vitality.** (See page 7.)

In buying most commodities it is possible to determine their quality and value by examination; therefore in many cases the seller's experience, integrity and reputation need not necessarily count for much. This rule, however, does not apply in the seed business, for although one may readily be able to judge as to whether certain samples are free from admixture of foul or weed seeds, are of new crop, well matured, etc., this knowledge does not cover the assurance planters desire when buying. In order that a profitable crop may be raised, in addition to satisfactory texture of soil, sufficient manure or plant food, skilled sowing and cultivation, and proper weather conditions, seed that has been grown in localities which ensure perfect development, and selected through a series of generations to obtain only the best types, are also necessary. It is needless to say that this class is neither the most abundant nor cheapest on the market. In fact it is rarely found at all except in the hands of the trained seedsmen, who realize the responsibility of their business and endeavor to protect their customers accordingly.

THIS IS OUR EIGHTY-FIRST ANNUAL CATALOGUE. We believe our knowledge and reputation acquired through all these years is of value. We have built up through experience and integrity a business that in this country stands second to none in reliability and only one or two in volume. Our Golden Roll of Honor shows that we are both able and willing to satisfactorily serve the gardening and farming public, else we would not be privileged to retain these gentlemen as customers for such periods of years. We always consider our goods our best recommendation; and they continually bring us new patrons. If you have not had experience with our goods, or methods of doing business, surely some of your neighbors can tell you of them. If you desire "*the best*," inquire, and if results warrant it, send us a trial order, and you will be satisfied.

NOTE. — Prices may vary as the season advances. Ours will always be as low as the lowest for goods of equal quality

☞ Please see Special Offers on third page of cover.

Artichoke.

German, *Artischoke*. — French, *Artichaut*. — Spanish, *Alcachofa*.

Culture. — A rich sandy loam is desirable, but any soil made fine by deep culture, and enriched with plenty of well rotted manure, will answer. Sow seed in hot-bed early in spring, in rows six inches apart; transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, two feet between the plants and three feet between the rows.

This method of cultivation will produce heads for culinary purposes by September. Seed may, if desired, be sown in the open ground in May, but the little tender plants should be given protection until the cold weather of spring has passed.

Plants raised from seed sown outdoors will not give edible heads until the second summer. One ounce of seed will sow 30 feet of drill.

✓ **Large Green Globe.** The best and most popular sort. Pkt. \$0.05 oz., \$0.25 1/4lb., \$1.00
 ✓ **Early Purple, or Violet** " .10 " .35 " 1.10

✓ Jerusalem Artichoke.

A species of sunflower (*Helianthus tuberosus*). A tuber that thrives well upon light dry soil and is cultivated for feeding sheep and swine. It is also used for pickles. The tops when cut and cured make an excellent dry fodder. It is propagated by tubers, which should be set in rows four to five feet apart and one foot apart in the rows. Three bushels are required to plant an acre. Qt., 25 cts.; pk., \$1.00 net.

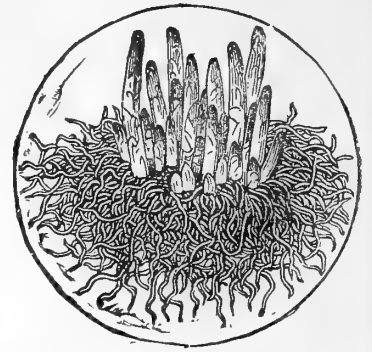
See Special Offers on third page of cover.



Asparagus.

German, *Sparget*—French, *Asperge*.—Spanish, *Esparragos*.
(For price on Asparagus Roots, see Vegetable Plants.)

An asparagus bed may be made from one or two year old roots, planted in October, or during April and May. The bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly two feet. Plant the roots in rows four feet apart, leaving about 12 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction. Cover lightly at first, gradually filling the trenches as the plants grow. Every fall a liberal dressing of coarse manure should be spread after the tops have been cut, and in spring forked in. The second season after planting bed may be cut two or three times. Do not cut too closely, as the roots require the benefit of some foliage. Seed may be sown in April in drills one inch deep and one foot apart. *One ounce of seed will sow 60 feet of drill.*

**Asparagus.**

	Pkt.	Oz.	1/4 lb.
✓ Conover's Colossal. Large, excellent and hardy	\$0.05	\$0.10	\$0.20
✓ Hub. The most approved and best sort for New England	.05	.10	.20
✓ Moore's Giant Purple Top. Large and prolific	.05	.10	.20
✓ Mammoth White. Pure white stalks	.05	.10	.20
✓ Palmetto. A very desirable light green sort	.05	.10	.20
✓ Medicinal Asparagus Seed			.10
	Per lb. 40 cts.		

Beans—English.

German, *Grosse Bohnen*.—French, *Fève de Marais*.—Spanish, *Haba*.

Plant as early in spring as the ground can be worked. The rows should be three feet apart; set the seed in the rows six inches deep, four inches apart. As the pods get formed, top the plants, thereby preventing too much running to vine.

✓ **Broad Windsor.** The best variety for general use. Pkt. 10 cts.; qt. 30 cts.; pk. \$1.50.

**Bush Lima Beans.****Beans—Dwarf or Bush.**

German, *Bohne*.—French, *Haricot*.—Spanish, *Frijorenano*.

To afford a regular succession of crops throughout the season, plant every two weeks, from about the beginning of May to the end of summer; but not until the soil becomes warm, as they are very sensitive to cold. Plant in rows 18 inches apart, two inches deep; cultivate frequently, but only when dry, as the scattering of earth on the foliage or pods, when moist, will cause them to become damaged with rust. *One quart will plant 100 feet of drill.*

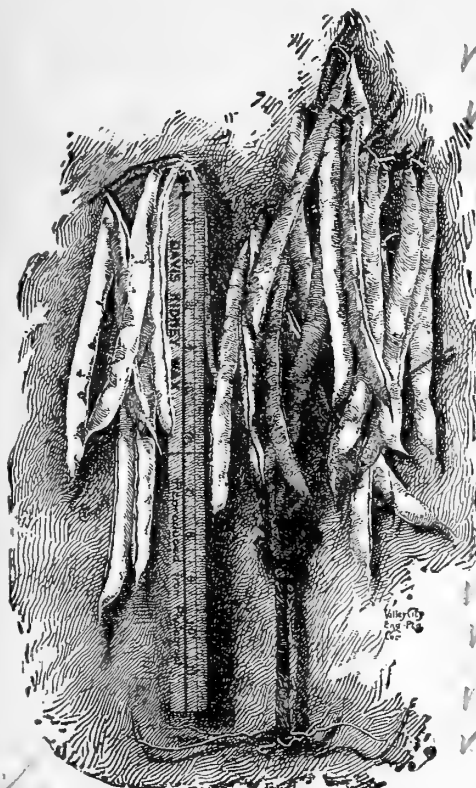
*Have always found your goods satisfactory in every way,
and am pleased to recommend them to my friends.*

F. E. ADAMS, Greenbush, Mass.

Green-Podded Varieties.

	Pkt.	Qt.	Pk.	Bu.
✓ Breck's Dwarf Horticultural. An improved type. The beans are larger, the pods longer and more highly colored than the older sort	\$0.10	\$0.25	\$1.25	\$4.50
✓ Breck's String and Shell. Excellent; when space can be given to one variety only, choose this sort	.10	.25	1.25	4.50
✓ Burpee's Stringless. Extra early, very prolific, quite stringless	.10	.30	1.50	5.00
✓ Burlingame Medium. A favorite for "Boston Baked Beans"	.10	.25	1.25	4.00
✓ Best of All. Early, round fleshy pods	.10	.25	1.25	4.50
✓ Dwarf Horticultural. A superior shell bean, medium early	.10	.25	1.25	4.50
✓ Early China. Early, a continuous and productive bearer	.10	.25	1.25	4.50
✓ Early Mohawk. Large flat pods, a fine early	.10	.25	1.25	4.00
✓ Early Red Valentine. One of the earliest and best, pods round	.10	.25	1.25	4.00
✓ Evergreen Stringless Green Pod. Long, round, solid, stringless pods	.10	.35	1.75	6.00
✓ Goddard, or Boston Favorite. A larger, later Dwarf Horticultural	.10	.25	1.25	4.50
✓ Giant Green Pod Stringless. An improved, larger form of <i>Burpee's Stringless</i> .	.10	.30	1.50	5.00
✓ Kidney, Red. An excellent shell bean, and for baking	.10	.30	1.50	5.00
✓ Kidney, White. " " " " " " " " " " " "	.10	.30	1.50	5.00
✓ Long Yellow Six Weeks. The leading market sort, flat pods	.10	.25	1.25	4.50
✓ Low's Champion. Large, green, flat stringless pods	.10	.25	1.25	4.50
✓ Prolific Tree Pea Bean. A fine variety for baking	.10	.25	1.25	4.00
✓ Red Cranberry. A favorite snap and shell bean	.10	.25	1.25	4.50
✓ Refugee. Thorburn's Extra Early, of superior quality and two weeks earlier than the old sort	.10	.25	1.25	4.50
✓ Refugee, Late or 1000 to 1. Very productive, round pods, largely grown for pickling	.10	.25	1.25	4.50
✓ Round Yellow Six Weeks, or Yellow Cranberry. Good either as a snap or shell bean	.10	.25	1.25	4.50
✓ Triumph of the Frames. Best for frames. Use as shell or string	.10	.30	1.75	6.00
✓ The Warren. An improved <i>Cranberry</i> , pods round, fleshy and tender	.10	.30	1.50	5.00
✓ White Marrow. Used generally as a winter bean	.10	.25	1.25	4.00
✓ Wonder of France. <i>Green Flageolet</i> , long tender pods	.10	.35	2.00	7.00
✓ Yellow Eye Improved. A profitable bean for field culture	.10	.25	1.25	4.00

See Special Offers on third page of cover.

**Dwarf or Bush Limas.**

	Pkt.	Qt.	Pk.	Bu.
Burpee's. A true bush form of the large lima; 18 to 20 inches high, an immense cropper	\$0.10	\$0.35	\$2.00	\$6.50
Dreer's. A bush form of <i>Dreer's Lima Pole</i> , possessing all the good qualities of that sort	.10	.35	2.00	6.50
Henderson's. A bush <i>Sieva</i> , a continuous cropper, fine for the home garden	.10	.35	2.00	6.50

Dwarf Wax or Butter Varieties.

	Pkt.	Qt.	Pk.	Bu.
Black Wax, Improved Prolific. Very early, round, thick pods	\$0.10	\$0.35	\$2.00	\$6.50
Black Wax, Challenge. An extra early strain, excellent	.10	.35	2.00	6.50
Black Wax, Pencil Pod. Very slender, long, round pods, late	.10	.40	2.25	7.50
Black Wax, Saddle-back. Very meaty and absolutely stringless	.10	.40	2.25	7.50
Black Wax, Currie's Rust Proof. Flat pods, early and productive	.10	.30	2.00	6.50
Black Wax, Yosemite. Very large meaty pod, late	.10	.40	2.50	
Davis's Kidney Wax. The best white seeded wax bean	.10	.30	2.00	6.50
Flageolet Red Wax. Flat, yellow, stringless pods of large size	.10	.35	2.00	6.50
Golden Wax, Improved Rust Proof. Early, long, round, stringless pods	.10	.30	2.00	6.50
Golden Eye Wax. Hardy and prolific, flat pods, almost rustless	.10	.30	2.00	6.50
Refugee Wax. A great yielder, long, round golden pods	.10	.30	2.00	6.50
Round Pod Kidney Wax. Very productive	.10	.35	2.00	7.00
Stringless Round Pod Rust Proof Wax. All its name implies	.10	.35	2.00	7.00
Valentine Wax. The earliest wax variety, productive and good	.10	.30	2.00	6.75
Wardwell's Kidney Wax. Early, long, flat wax pods, very fine	.10	.40	2.50	8.00
White Wax. An old favorite, flat, white, fleshy pods	.10	.35	2.00	7.00

Beans—Pole or Running.

German, *Stangen Bohne*.—French, *Haricots à Rames*.—Spanish, *Jidas*.

It is desirable to make the planting of Pole Beans at least a week later than the first planting of the bush sorts, as they are more tender. Plant in hills three to four feet apart, putting four or five beans in a hill, and leaving space in the centre for the pole. A liberal quantity of well-composted manure in each hill is of value.

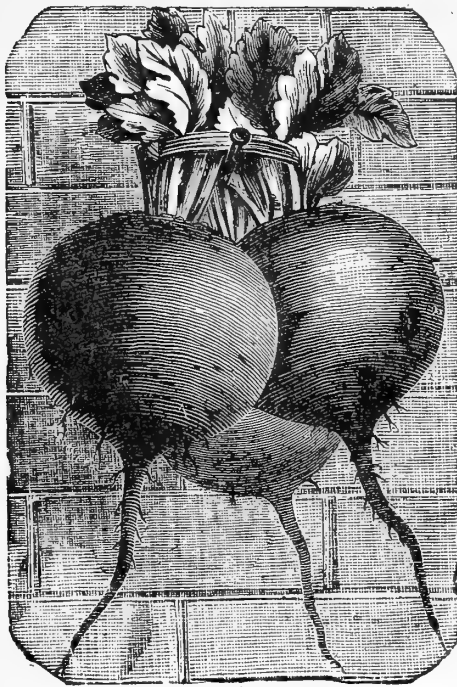
One quart of limas will plant 100 hills. One quart of the smaller seeded sorts about 200 hills.

Green Podded Varieties.

	Pkt.	Qt.	Pk.
Brockton. Large crimson streaked pods, productive and good	\$0.10	\$0.30	\$1.75
Carmine Podded Horticultural. Also called <i>Columbia</i> , <i>Hampden</i> and <i>Worcester</i> . The best Horticultural Pole Bean in existence. It is early, and produces an immense number of large, highly-colored pods	.10	.30	1.75
Crease Back. Southern White. Long, round, stringless, fleshy pods	.10	.30	1.75
Dutch Case Knife. Long, green flat pods, used as snap and shell	.10	.30	1.75
Horticultural, or Speckled Cranberry. Of excellent quality, a great favorite	.10	.30	1.75
Kentucky Wonder, or Old Homestead. A very prolific, long green podded sort	.10	.35	2.00
Lazy Wife. Long green pods, beans white	.10	.30	1.75
Lima, Large White. An old, much esteemed variety	.10	.30	1.75
Early Jersey. An early, large <i>Lima</i>	.10	.35	2.00
Dreer's or Challenger. Round, very thick beans, productive	.10	.35	2.00
Lima, King of Garden. Large and very fine	.10	.35	2.00
Sieva or Small Lima. Earlier and hardier than the large lima	.10	.35	2.00
Red Cranberry. Large, tender, stringless pods, very productive	.10	.30	1.75
Scarlet Runner, Ornamental. The pods are fleshy, tender and sweet	.10	.35	2.00
White Dutch Runner. Same habit and qualities as the <i>Scarlet Runner</i>	.10	.35	2.00



See Special Offers on third page of cover.



Breck's Beats All Beet.

Beans, Pole — Continued.**Wax-Podded Varieties.**

	Pkt.	Qt.	Pk.
Flageolet Wax. Large, yellow, stringless pods, medium early	\$0.10	\$0.35	\$2.00
Golden Butter , or Mont d'Or. Earliest of the wax pole sorts	.10	.35	2.00
Golden Cluster. Very large and tender, golden pods, early	.10	.40	2.25
Indian Chief , or Black Wax. The most popular wax pole bean	.10	.35	2.00
Kentucky Wonder Wax. A wax sort that equals the Green Pod	\$0.10	\$0.40	\$2.25



Swiss Chard Beet.

BEET.German, *Runkel Rube*. — French, *Betterave*. — Spanish, *Beteraga*.

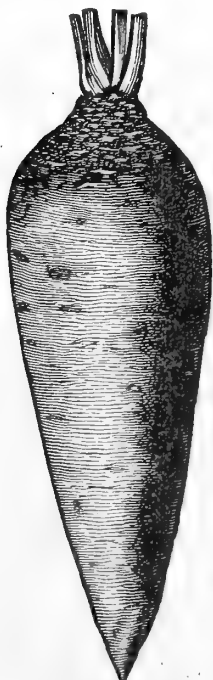
Sow from April to beginning of July, in deep rich sandy loam, one inch deep, in drills about one foot apart. Thin the young plants to the distance of six or eight inches, and fill up any vacant places with those taken out. The turnip rooted are the earliest, and are of fine quality. When young, the leaves make excellent greens. *One ounce will sow 50 feet of drill, 5 to 6 lbs. per acre.*

	Pkt.	Oz.	1/4 lb.	Lb.
Breck's Beats All. Superior in all respects to others as an early or main crop variety	\$0.05	\$0.10	\$0.25	\$0.75
Columbia. Round and smooth, deep red flesh	.05	.10	.20	.60
Crosby's Egyptian. Early as original type, but thicker, smoother, and of better quality	.05	.10	.20	.60
Crimson Globe. Globe shape, flesh deep purplish red	.05	.10	.25	.75
Detroit Dark Red. Quite round, skin very dark, flesh bright red	.05	.10	.20	.60
Dewing's Early Blood. A standard variety of excellent quality	.05	.10	.20	.50
Early Arlington. Early, deep round form, blood red color	.05	.10	.20	.60
Early Bassano. The earliest of all; flesh almost white	.05	.10	.15	.50
Early Bastian. A quick, large-growing sort, of good color	.05	.10	.15	.50
Eclipse. Very early, dark-red color, small top, smooth roots	.05	.10	.20	.60
Edmand's Early Turnip. One of the best in shape, color, size, and quality	.05	.10	.20	.60
Egyptian. An early, good color, smooth turnip beet	.05	.10	.20	.60
Long Smooth Blood Red. An excellent late variety	.05	.10	.15	.50
Perpetual Spinach. A giant <i>Swiss Chard</i> . The leaves are very large and ornamental	.10	.10	.25	.75
Swiss Chard, or Sea Kale Beet. This variety is cultivated solely for its leaves. The midrib is stewed and served as asparagus, the other portion of the leaves being used as spinach	.05	.10	.25	.75
Stimson. Very dark color, small leaved, suitable for forcing	.05	.10	.25	.75
Beet. For greens	.05	.10		.40

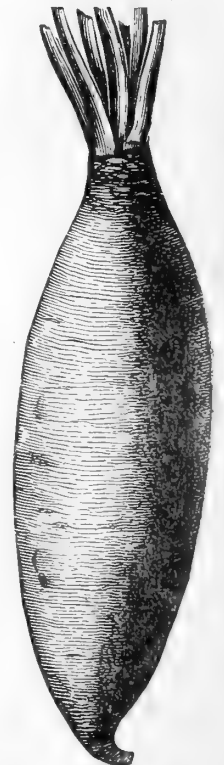
Mangel-Wurzel and Sugar Beets.

Sow in May or June in rows 18 inches to 2 feet apart and thin to 8 inches in the row. The value of these for stock-feeding cannot be overestimated; for sheep, dairy-stock, and fattening of cattle, experience has proved the Mangel-Wurzel to be at once healthful, nutritious, and economical. *One ounce will sow 50 feet drill, 6 to 8 pounds per acre.*

	Pkt.	Oz.	1/4 lb.	Lb.
Breck's Mammoth Long Red. A selection of the Long Red variety. It is smooth skinned, fine grained, and a heavier cropper. We consider it superior to all others	\$0.05	\$0.10	\$0.15	\$0.40
Gatepost. The characteristics of this desirable variety are small top, tap root, heavy cropper, color pale orange	.05	.10	.15	.30
Giant Yellow Intermediate. Grows in shallow soils	.05	.10	.15	.30
Golden Tankard. A half-long variety of a bright yellow color	.05	.10	.15	.30
Kinver Yellow Globe. Large globular formed roots. Adapted for growing in shallow soils.	.05	.10	.15	.30
Long Yellow. Differs from Long Red only in color	.05	.10	.15	.30
Norbiton Giant. Long Red, a valuable variety	.05	.10	.15	.30
Red Globe. Similar to Yellow Globe, except in color	.05	.10	.15	.30
Breck's Imperial White Sugar. An improved American-grown French Sugar Beet	.05	.10	.15	.30
Klein-Wanzleben Sugar Beet. Unsurpassed for the production of sugar or for cattle feeding	.05	.10	.15	.30
Lane's Improved Sugar Beet. A well-known variety, valuable for feeding to cattle	.05	.10	.15	.30
Yellow French Sugar. Fine sort for stock	.05	.10	.15	.30



Long Yellow Mangel.



Breck's Imperial Sugar Beet.

Five pounds Mangel or Sugar Beet at 28 cents per pound.
Ten pounds Mangel or Sugar Beet at 25 cents per pound.

See Special Offers on third page of cover.

Borage.

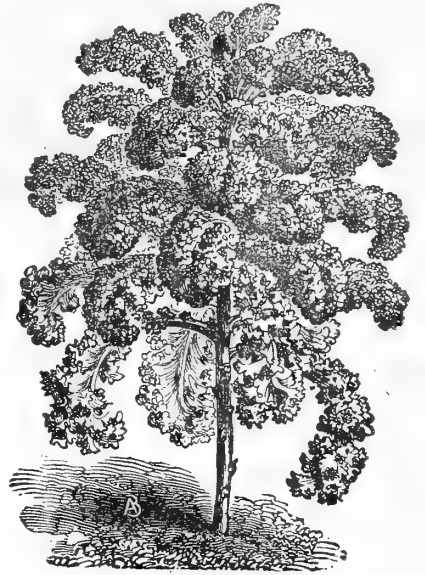
The young leaves of this annual are used as a salad, or boiled like spinach. Sow in the spring, in light soil, and thin out to eight inches apart. The flowers are a pretty blue and afford excellent food for bees throughout a long season. Borage, pkt. 5 cts.; oz. 20 cts.

Borecole or Kale.

German, *Blatterkohl*. — French, *Chou Vert*. — Spanish, *Breton*.

Sow early in the spring in prepared beds, covering the seeds thinly and evenly; transplant in June, and treat in the same manner as for cabbage. They are extremely hardy, and will endure quite a low temperature. The Siberian variety is also sown in September for early greens. One ounce will sow 150 feet drill.

- ✓ **Dwarf Green Curled Scotch.** Leaves of a bright green and very tender and closely curled. The quality is improved if the plants are touched by frost before being used. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.
- ✓ **Dwarf Brown.** Similar to the preceding, but of darker color, very hardy. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.
- ✓ **Siberian or German Greens.** Sown in fall for spring use. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 20 cts.; lb. 70 cts.
- ✓ **Tall Green Curled Scotch.** Similar to the dwarf, but of more vigorous growth. Pkt. 5 cts.; oz. 10 cts.; $\frac{1}{4}$ lb. 25 cts.; lb. 80 cts.



Green Curled Scotch Kale.

Broccoli.

German, *Spargelkohl*. — French, *Chou Brocoli*. — Spanish, *Broculi*.

This vegetable closely resembles the cauliflower, but is hardier. Like cabbage and cauliflower, it succeeds best in deep, rich, moist soil and in cool weather. The seed should be sown at the same time and the plants receive the same general culture as cabbage. Broccoli completes its growth from seed in from 120 to 140 days; five to ten degrees of frost will not injure the plants when they are approaching maturity. One ounce of seed will produce about 1,500 plants.



Paris Market Brussels Sprouts.

	Pkt.	Oz.	$\frac{1}{4}$ lb.
Early Purple Cape. Hardy, heads of medium size, and compact formation	\$0.10	\$0.35	\$1.25
Veitch's. Self-protecting, large, compact head	.10	.35	1.25
White Cape. Like Purple Cape, but of a creamy white color	.10	.35	1.25

The seeds purchased of your house last season gave the very best satisfaction, and as a result I had the best crops I have had for a number of years.

JOHN CARR,
Gardener to J. B. Spiller, Esq., Swampscott.

Brussels Sprouts.

German, *Sprossenkohl*. — French, *Chou de Bruxelles*. — Spanish, *Berza de Brusela*.

Species of the Cabbage family. It produces along the whole length of the stem small sprouts resembling miniature cabbages. These heads are a great delicacy boiled in the same way as cauliflower. Seed should be sown about the middle of May in a seed bed, and the plants afterwards set out in rows two feet apart and cultivated like cabbage. Being small and hard, the sprouts are not in the least affected by frost. One ounce of seed produces about 1,200 plants.

- ✓ **Aigburth.** The finest variety. Pkt. 5 cts.; oz. 20 cts.; $\frac{1}{4}$ lb. 60 cts.
- ✓ **Improved Paris Market.** A most desirable strain. Pkt. 5 cts.; oz. 15 cts.; $\frac{1}{4}$ lb. 50 cts.

Cabbage.

German, *Kopfkohl*. — French, *Chou Pomme*. — Spanish, *Berza*.

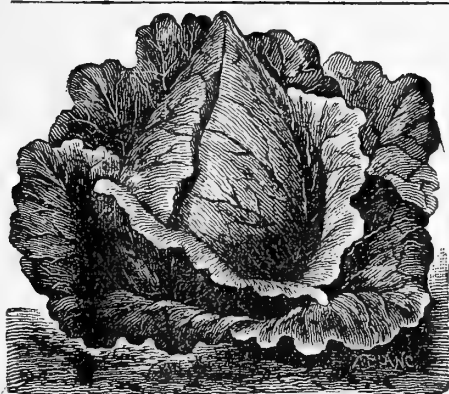
(For price on Cabbage Plants, see Vegetable Plants.)

All the Cabbage tribe requires is the soil to be rich, deep, well-drained, and abundantly manured. For the early kinds, plant 30 inches between the rows and 16 inches between the plants. For the late kinds, three feet between the rows and two feet between the plants. For very early use, sow in January or February, in hot-beds. Set out when the plants are strong enough into other hot-beds, or set in cold-frames in March. Transplant when danger from frost is past to the open ground. For a succession, sow in the open ground last of March or early in April. The late or winter crop seed can be sown in May and the plants set out in July. Late plants are sometimes subject to attacks of the cabbage fly, which destroys them as fast as they appear above ground. To prevent this destruction, sprinkle the plants with wood ashes, air-slacked lime, plaster, slug-shot, or tobacco dust, when the plants are wet with dew.



Early Summer Cabbage.

See Special Offers on third page of cover.

**Early Winnigstadt Cabbage.****Cabbage—Continued.**

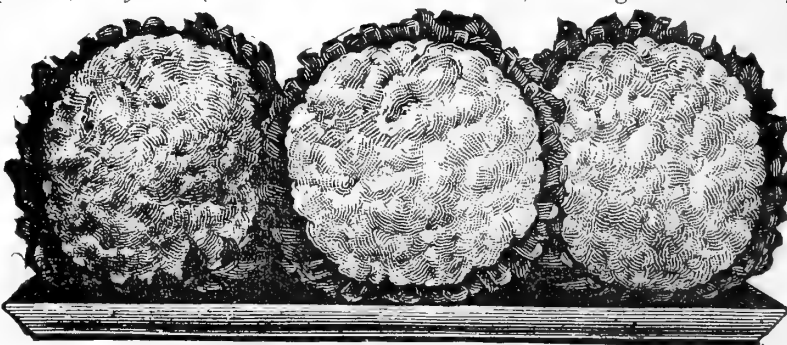
To destroy the green worm that attacks the leaves and head of cabbage, dissolve one ounce of saltpetre in three gallons of water and with a short handled whisk broom thoroughly sprinkle the plants with the solution. *One ounce of seed produces 2,500 plants.*

	Pkt.	Oz.	¼ lb.	Lb.
All Seasons. One of the best for second early and late crops, very large and a sure header	\$0.05	\$0.20	\$0.60	\$2.00
Danish Ball Head. An unsurpassed winter variety, heads round, large, very hard, tender and fine flavored . . . . .	.05	.25	.75	2.50
Early Jersey Wakefield. Breck's Selected. A fine selection of this very early, medium sized market favorite . . . . .	.05	.25	.75	2.50
Early Etampes. A fine extra early sort with pointed heads . . . . .	.05	.20	.60	2.00
Early Winnigstadt. A medium early variety, with conical-shaped heads . . . . .	.05	.20	.60	2.00
Early York. A standard English sort . . . . .	.05	.15	.50	1.50
Fottler's Brunswick, Improved. A short stemmed early Drumhead, a general favorite . . . . .	.10	.20	.60	2.00
Glory Cabbage. As early as <i>Henderson's Summer</i> ; larger . . . . .	.10	.40	1.25	
Henderson's Early Summer. A superior second early, heads large and solid . . . . .	.05	.20	.60	2.00
Houser. Two weeks later than any other. An excellent keeper . . . . .	.10	.50	1.25	5.00
Marblehead Mammoth. The largest Drumhead variety . . . . .	.05	.20	.60	2.00
Premium Drumhead. Breck's Selected. A standard main crop variety . . . . .	.05	.20	.60	2.00
" Flat Dutch. " " " A favorite winter variety for market . . . . .	.05	.20	.60	2.00
Red Perfection. Breck's. Superior in size and quality to all other red sorts . . . . .	.05	.30	.85	3.00
Red Dutch, or Pickling. Fine, solid, dark red heads . . . . .	.05	.25	.75	2.50
Savoy. American Improved. Large, fine quality and excellent keeper . . . . .	.05	.20	.60	2.00
" Breck's Pyramid. Conical shape. Very desirable . . . . .	.10	.50		
" English Curled, or Globe. Medium size and solid . . . . .	.05	.15	.40	1.00
Succession. Selected. Valuable second and late crop variety . . . . .	.05	.20	.60	2.00
Warren's Stone-Mason. An improvement on the old type, rounder and solid . . . . .	.10	.20	.60	2.00
" Breck's Private Stock. This is a still further improved selection of the popular Warren strain. It is grown in Essex County especially for us. We recommend it as the very best type obtainable . . . . .	.10	.35	1.00	4.00

Cauliflower.

German, *Elumenkohl*.—French, *Chou-fleur*.—Spanish, *Coliflor*. (Price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious of the Cabbage family. For the production of the cauliflower a rich, deep loam is required, a low moist situation being preferable. A liberal supply of water when possible produces very marked results. Seed of the very early variety should be sown in a hot-bed in February or March and set out by the end of April. For later supply, sow seed in May, choosing a cool, moist place. When large enough, transplant, making the rows about 2½ feet apart, and 18 inches between the plants. Transplanting should be done in damp weather. To destroy the cauliflower-maggot, try one ounce of sulphuret of potassium dissolved in one gallon of water. Heat the liquid to about 100 degrees, and apply a tablespoonful to the stalk of the plant just above the ground. *One ounce of seed produces about 2,500 plants.*

**Breck's White Bouquet Cauliflower.**

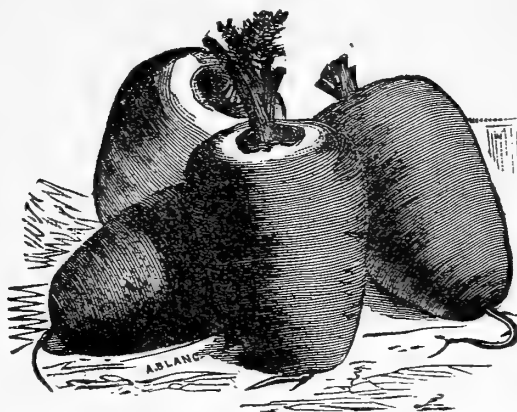
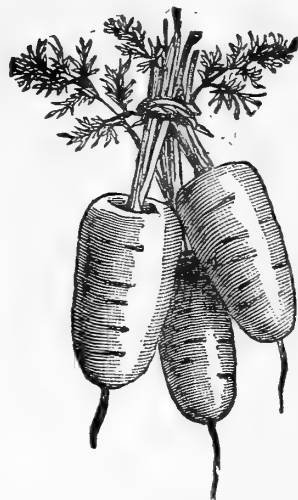
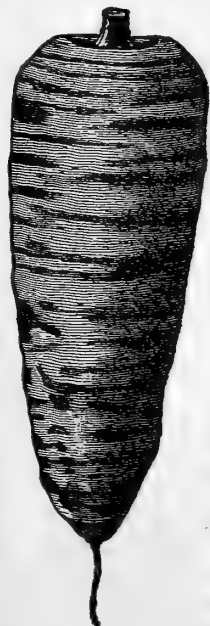
	Pkt.	Oz.	¼ lb.
Breck's White Bouquet. This we believe is the earliest and most reliable cauliflower for New England. Since its introduction it has become an especial favorite with market gardeners	\$0.25	\$2.50	\$10.00
Common Erfurt. A good variety under favorable conditions . . . . .	.10	1.00	3.50
Early Dwarf Danish. A variety of the Erfurt from Denmark. It matures evenly and is a reliable header . . . . .	.20	2.00	7.50
Earliest Dwarf Erfurt. A very choice strain of the well-known Erfurt cauliflower . . . . .	.20	2.00	7.50
Extra Early Paris. An old but still popular sort, medium size . . . . .	.10	.75	2.00
Early Snowball. A reliable early variety, grown largely for market . . . . .	.20	2.00	7.50
Early London. Large and hardy . . . . .	.10	.60	2.00
Half Early Paris. A general favorite, quite large . . . . .	.10	.75	2.00
Lenormand's Short Stemmed. A large dwarf sort, desirable for main crop . . . . .	.10	.60	2.00
Veitch's Autumn Giant. A desirable large, late variety . . . . .	.10	.35	1.00

Chervil.

German, *Gartenkerbel*.—French, *Corfeuil*.—Spanish, *Cerafolio de Cafe*.

- Chervil, Curled.** An aromatic sweet herb that resembles parsley. The young leaves are used in soups and salads. Sow evenly, in May, in drills half inch deep, one foot apart. 5 cts. per pkt.; 10 cts. per oz.; \$1.00 per lb.
- Chervil, Tuberous Rooted.** Sow in May or June, after treatment same as for carrots. 5 cts. per pkt.; 20 cts. per oz.; \$1.50 per lb.

See Special Offers on third page of cover.

Carrots.German, *Mohre*.— French, *Carotte*.— Spanish, *Zanahoria*.**Early Scarlet Forcing.****Guerande, or Oxheart.****Early Scarlet Horn.****Danvers Half-Long, Stump Rooted.**

Carrots are grown largely both for feeding to stock and culinary purposes; the long varieties used for the former, the "Horn" and medium sorts for the latter. The "Horn" sorts can be grown on thin soil and are mostly for early use. The others prefer deep, sandy loam that was well manured the previous year for some other crop, such as potatoes or onions. Sow in April or May or for late crops for table use, up to the end of June, about one inch deep in drills 15 inches apart for garden sorts. The rows in field cultivation should be two feet apart. Thin out the plants from three to eight inches apart, according to variety. One ounce of seed is sufficient for 100 feet of drill, four pounds to an acre.

	Pkt.	Oz.	1/4 lb.	Lb.
✓ Chantenay. A type of Danvers Half-Long, but earlier and smaller	\$0.05	\$0.10	\$0.30	\$1.00
✓ Danvers Half-Long. The most desirable main crop variety; an excellent keeper	.05	.10	.30	1.00
✓ Early Scarlet Forcing. Very early and valuable for forcing	.05	.10	.30	1.00
✓ Early Scarlet Horn. A medium-sized half-long variety of fine color	.05	.10	.30	1.00
✓ Guerande, or Oxheart. Intermediate between half-long and Horn sorts	.05	.10	.30	1.00
✓ Half-Long Scarlet Carentan. Stump rooted, coreless, red flesh	.05	.10	.30	1.00
✓ Nantes Stump Root. A medium-size, medium-early table variety	.05	.10	.30	1.00
✓ Long Orange Improved. A large long-rooted variety, suitable for table or stock	.05	.10	.25	.90
✓ Large Yellow. A desirable variety for feeding to stock	.05	.10	.25	.60
✓ Large White. The largest and most profitable for feeding to stock	.05	.10	.25	.60
✓ White Vosges. Large, thick, short, fine for stock	.05	.10	.25	.60

Cardoon.German, *Kardon*.— French, *Cardon*.— Spanish, *Cardo Hortense*.

Cardoon is grown for the midrib of the leaf, which requires to be blanched in the same manner as celery. Sow early in spring, where the plants are to remain, in drills three feet apart, and an inch and a half deep, and thin out the young plants to a foot apart in the drills.

**Cardoon.**

	Pkt.	Oz.	Lb.
✓ Large Smooth Spanish. Grows about four feet high	\$0.05	\$0.20	\$2.00

Chicory.German, *Cichorie*.— French, *Chicorée*.— Spanish, *Achivoria de Cafe*.

✓ **Large Rooted.** Sow and treat in the same manner as carrots.

This is the chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used

✓ **Witloof.** Sow in May or June in drills, thin out to six inches apart, treat as *Endive* until end of summer, when it should be banked up

like celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable dressed in the same way as cauliflower

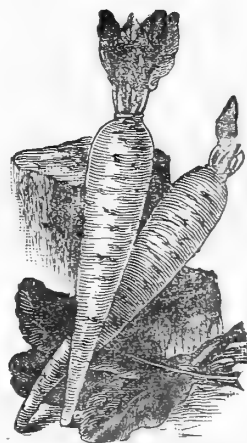
Pkt.	Oz.	1/4 lb.
\$0.05	\$0.10	\$0.30

.05 .10 .35

Collards, or Colewortz.German, *Blatterkohl*.— French, *Chou Cabu*.— Spanish, *Cabu*.

Sow seed as for cabbage, in June, July and August in succession. Transplant when one month old into rows three feet apart and two feet apart in the rows. This vegetable is closely allied to the Cabbage family, used as greens; it is grown to a considerable extent in sandy sections, particularly in the South. One ounce of seed will produce about 3,000 plants.

✓ **Georgia.** Per pkt. 5 cents; oz. 10 cents; lb. \$1.00.

**Large Rooted Chicory.**

See Special Offers on third page of cover.

Corn. — Sweet.German, *Mais*. — French, *Mais*. — Spanish, *Mais*.

A rich, warm soil is best, especially for the earlier varieties, which ordinarily should not be planted before the middle of May. Successive plantings may be made until July. Plant in hills three or four feet apart each way, according to the height of the variety. *One quart will plant about 200 hills.*

SELECTED EARS, FIVE CENTS EACH.

	Pkt.	Qt.	Pk.	Bu.
✓ Bearsfoot (Washington). A vigorous growing late sort, a favorite with Boston Market growers . . .	\$0.10	\$0.30	\$1.75	\$6.00
✓ Black Mexican. Said to be the sweetest corn in cultivation, medium early . . .	.10	.25	1.50	5.00
✓ Breck's Premier. Large, medium early, unequalled in quality . . .	.10	.25	1.50	5.00
✓ Breck's Zig-Zag. A main-crop sort, keeps longer in fit condition for table than any other variety . . .	.10	.40	2.25	8.00
✓ Country Gentleman. A larger and later Ne Plus Ultra type . . .	.10	.40	2.25	8.00
✓ Crosby. Josiah Crosby's strain. A local variety, grown for Boston market . . .	.10	.40	3.00	10.00
✓ Early Crosby. Early and of excellent quality. An old favorite. . .	.10	.35	2.25	8.00
✓ Early Evergreen. Like Stowell's, but a week or ten days earlier . . .	.10	.35	2.00	7.00
✓ Early Maine. A fine extra early, pure white sort . . .	.10	.30	1.75	6.00
✓ Early Mammoth. Very large, medium late . . .	.10	.40	2.25	8.00
✓ Early Minnesota. Nearly as early as Cory, dwarf . . .	.10	.30	1.75	6.00
✓ Early Red Cory. A very early sort, with good-sized ears and large kernels, popular . . .	.10	.30	1.50	5.00
✓ Early White Cory. Differs from the preceding in color of cob . . .	.10	.30	1.50	5.00
✓ Egyptian. A very large, late variety, exceedingly sweet and superior . . .				
✓ Hickox Improved. Large, handsome ears, white, superior flavor, late . . .	.10	.30	1.75	6.00
✓ Late Mammoth Sugar. Extra large ears, quality very fine, productive . . .	.10	.40	2.25	8.00
✓ Mammoth White Cory. As early as the other Cory, but with ears double the size . . .	.10	.30	1.75	6.00
✓ Country Gentleman. . . .	.10	.30	1.50	5.00
✓ Metropolitan. Quite early, large, handsome ears . . .	.10	.30	1.50	5.00
✓ Moore's Concord. Medium early, large ears of unsurpassed quality . . .	.10	.25	1.50	4.50
✓ New Champion. Medium early, very large ears . . .	.10	.30	1.50	5.00
✓ Perry's Hybrid. A large early, favorite market sort . . .	.10	.25	1.50	4.50
✓ Potter's Excelsior. Perhaps the best and sweetest main-crop variety . . .	.10	.30	1.50	5.00
✓ Quincy Market. Larger ears and earlier than the common Crosby . . .	.10	.40	3.00	10.00
✓ Shaker's Early. Large ear and kernel, medium early . . .	.10	.25	1.50	4.50
✓ Stowell's Evergreen. The standard late variety . . .	.10	.35	2.00	7.00

**Breck's Premier.**
\$0.10 \$0.30 \$1.75 \$6.50**Corn. — Field.**

None of our special offers apply to field, fodder or pop corn.

	Qt.	Pk.	Bu.
✓ Angel of Midnight. The earliest and best yellow flint variety . . .	\$0.15	\$0.50	\$1.50
✓ Breck's Boston Market. Specially adapted for the purpose of ensilaging . . .	.15	.50	1.50
✓ Blunt's Prolific. An early eight-rowed leafy dent variety . . .	.15	.50	1.30
✓ Early Sanford. A white flint variety, equally valuable for ensilage or grinding . . .	.15	.50	1.50
✓ Early Yellow Canada. Well-known early, eight-rowed flint variety . . .	.15	.50	1.50
✓ Evergreen Sweet Fodder. For cutting green and feeding to stock . . .	.15	.75	2.50
✓ Leaming. A yellow dent variety, very valuable for ensilage . . .	.15	.50	1.25
✓ Longfellow. Eight-rowed yellow flint, long ears, with small cob . . .	.15	.50	1.50
✓ Mastadon. One of the best yellow dents for ensilage . . .	.15	.50	1.50
✓ Pride of the North. Grown for ensilage or fodder . . .	.15	.50	1.25
✓ Red Cob Ensilage. An excellent fodder and ensilage sort . . .	.15	.50	1.10
✓ Thoroughbred White Flint. Of unusual suckering habit. Its earliness, breadth of blade and small stalk make it a most desirable ensilage sort. It should supersede the Sanford . . .	.15	.50	1.50
✓ White Southern. Valuable for ensilage and fodder . . .			1.25
✓ Pop Corn, White Rice, and Eight-Rowed White. On the cob 10 cents per lb.			

See Special Offers on third page of cover.

Corn Salad, or Feticus.German, *Lammersalat* — French, *Mache*. — Spanish, *Macka Valerianilla*.

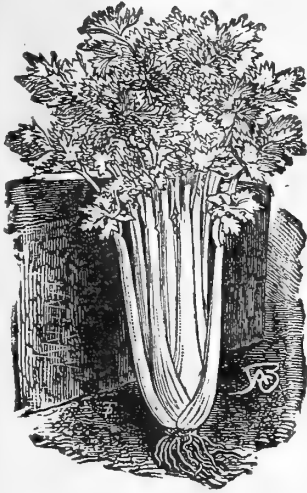
Used as a salad. It is sown in very early in spring, rows one foot apart, and is fit for use in six or eight weeks. For early spring use sow in September, and winter in cold-frames, or cover with litter. *One ounce will sow 100 feet of drill.*

Large-Leaved. Per pkt. 5 cts.; oz. 10 cts.; lb. 50 cts.

Celery.German, *Sellerie*. — French, *Celeri*. — Spanish, *Apio*.

(For price on Celery Plants, see Vegetable Plants.)

Sow seed the first or second week in April in hot-bed or cold-frame. As soon as the plants have attained a height of three inches, transplant in prepared border, setting them four inches apart. In order to secure "stocky" plants, cut off the tops once or twice before again transplanting into richly manured soil, in rows four feet apart, and from seven to nine inches plant to plant. Keep down all the weeds, and as fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. For winter use it is usually placed in frames and covered with litter, or stored in pits or cold cellars. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board 12 to 15 inches wide on edge on each side of the row, and to hold them in place tack bits of laths across the rows at the top. The turnip-rooted variety does not require blanching, and may be planted in rows one foot apart. *One ounce of seed produces about 3,000 plants.*

**Paris Golden Celery.****Pink Plume Celery.**

Everything I have purchased from you the past season has proved satisfactory.

ANDREW K. ROGERS, Wolcott Farm, Readville, Mass.

Breck's Boston Market. The best and most popular sort in cultivation.

Breck's Christmas. Without doubt this is the best of all winter sorts. It is exceedingly hardy, very large, solid, crisp, and fine flavor.

**Celeriac.**

Triumph. A large growing variety, fine quality and flavor, good winter sort.

White Plume. This variety can be blanched with boards. It is usually solid, and of a pleasing nutty flavor.

Celery Seed for Flavoring

	Pkt.	Oz.	1/4 lb.	Lb.
Breck's Boston Market.	\$0.10	\$0.40	\$1.25	\$5.00
Breck's Christmas.	.10	.40	1.00	4.00
Carter's Dwarf Crimson. Solid, crisp, and fine-flavored	.05	.20	.75	2.00
Celeriac, or Turnip-Rooted. The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad	.05	.20	.75	2.00
Dwarf Golden Heart. Large, solid, golden yellow heart	.05	.20	.75	2.00
Giant Pascal. A strong grower and wonderful keeper, quality very fine	.05	.20	.50	1.50
Golden Self-Blanching. A self-blanching early golden-colored variety that is very popular. The seed we offer is from the introducer	.10	.40	1.50	5.00
Keppler's Long Island. An improved <i>Schuhmacher</i> strain. It blanches with but slight earthing up, and is a wonderful keeper	.10	.40	1.00	4.00
Pink Plume, New Rose. Color bright pink, quality first-class, an excellent keeper	.05	.20	.60	2.00
Rose Ribbed Self-Blanching. A sport from Paris Golden, of pleasing appearance and good quality	.10	.35	1.00	3.50
Sandringham. A dwarf white variety, solid, crisp, and fine-flavored	.05	.20	.60	2.00
Triumph.	.10	.35	1.00	3.00
White Plume.	.05	.20	.60	2.00
Celery Seed for Flavoring	.05	.10	.20	.50

Cress.German, *Gartex und Brunnen Kresse*. — French, *Cresson*. — Spanish, *Mastuerzo*.

Curled, or Peppergrass. The popular sort. Sow thickly in drills in the spring season, as the ground is in good working order. As the plants rapidly run to seed, repeat sowings at intervals of about two weeks. *One ounce will sow about 100 feet of drill*

Upland Cress. A perennial variety, flavor pungent, resembling Water Cress. Sow in drills one foot apart, in April

Water Cress. This succeeds only in damp soils on the borders of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about a quarter of an inch deep. The plants are rapidly propagated by root extension and self-seeding

	Pkt.	Oz.	1/4 lb.	Lb.
Curled, or Peppergrass.	\$0.05	\$0.10	\$0.20	\$0.50
Upland Cress.	.05	.10	.25	.75
Water Cress.	.10	.40	1.25	4.50

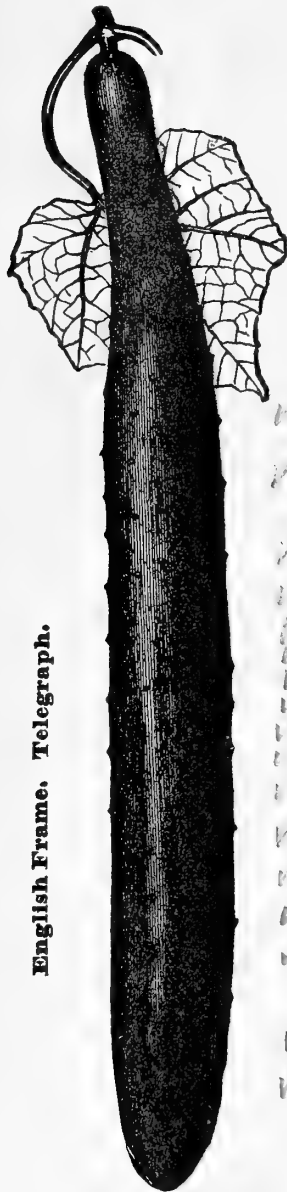
See Special Offers on third page of cover.

Cucumber.German, *Gurken*.—French, *Concombre*.—Spanish, *Pepino*.

The first planting should be made early in May on partly spent hot-beds; inverted sods form an excellent medium for both planting on and carrying the young plants to their permanent location, or small paper pots can be used. Such plantings are usually ready for transplanting to the open ground in from three to four weeks, and are seldom troubled with the striped bug. Transplanting, when practical, should be done in the evening, into hills four feet apart each way. Thin out to about four plants to a hill when established. The seed may be planted in hills late in May, thus giving a succession. For pickles, plant during the last two weeks of June.

Plaster dust, or an infusion of hellebore powder in water will destroy the striped bug. *One ounce will plant about 50 hills.*

West India Gherkin.



English Frame. Telegraph.

	Pkt.	Oz.	1/4 lb.	Lb.
Boston Pickling. Produces an abundant crop of short dark-green fruit	\$0.10	\$0.25	\$0.75	\$2.50
Breck's Forcing White Spine. This seed is raised from selected specimens by an Arlington market gardener and is the best obtainable				
	\$0.10	\$0.40	\$1.25	\$5.00
Cool and Crisp. Extra early, long, straight and slender, dark-green color				
		.10	.15	.50 1.75
Cumberland. The very best pickling sort		.10	.20	.70 2.00
Early Cluster. Grows in clusters. Bluish-green color		.10	.15	.50 1.75
Early Frame. Medium size. Valuable for both table and pickling		.10	.15	.50 1.65
Early Russian. The earliest variety. About four inches long		.10	.15	.50 1.65
Everbearing. Medium size, early and productive		.10	.15	.50 1.75
Evergreen. Without an equal, quantity and quality considered		.10	.15	.50 1.75
Giant Pera. Very long, one of the best		.10	.25	.75 2.50
Japanese Climbing. A productive variety, fine quality. The vine will grow over a summer house or climb a pole		.10	.25	
Long Green Improved. Late, about 12 inches long, tender and of excellent flavor		.10	.15	.50 1.75
Nichols' Medium Green. A most desirable table sort		.10	.15	.50 1.65
Tailby's Hybrid. A cross between White Spine and an English frame sort		.10	.15	.50 1.65
West India Gherkin. A short green oval for pickling		.10	.25	
White Spine, Improved. A handsome early variety of uniform size and quality		.10	.25	.75 2.50
White Spine, Arlington. A fine strain. It is used both for forcing and out-door cultivation		.10	.25	.75 2.50
White Pearl. The best white sort, early and productive		.10	.25	

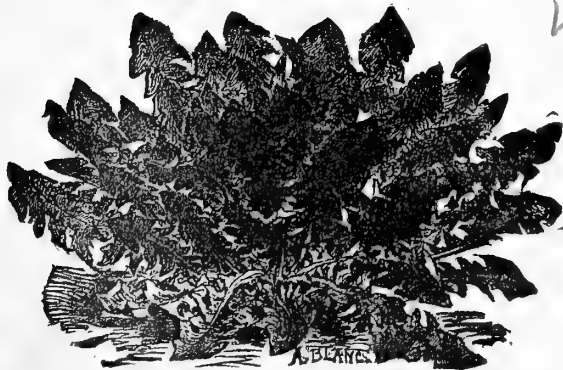
English Frame Varieties.

These are mostly grown by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality.

✓ **Rollinson's Telegraph. Blue Gown. Carter's Model.** Each per pkt. 25 cts.

Dandelion.German, *Pardeblum*.—French, *Pisse-en-lit*.—Spanish, *Amargon*.

Sow seed in May or June, in drills half an inch deep and 12 inches apart. Cultivate, to keep down the weeds during summer, and the following spring the leaves will be fit to cut. Upon the approach of severe weather cover with litter, which should be removed early the following spring. Dandelion that has been blanched is much more tender and entirely lacks the bitter flavor of the plant matured in the open. The blanching is accomplished by placing two boards inverted V-shape over the rows. *One ounce will sow 200 feet of drill. One pound will sow an acre.*



American Improved Dandelion.

	Pkt.	Oz.	1/4 lb.	Lb.
American Improved. Large, fleshy leaves	\$0.10	\$0.40	1.25	4.00
French Garden	.05	.20	.70	2.25
Thick-Leaved French. Large and tender	.10	.40	1.25	4.00

Egg-Plant.German, *Eierpflanze*.—French, *Aubergine*.—Spanish, *Berengena*.

(For price of Plants, see Vegetable Plants.)

Sow in hot-bed early in spring, and transplant when two inches high into another bed or small pots. Plant out three feet apart when weather is perfectly settled and warm. Keep the plants watered for a few days after transplanting until they begin to show signs of being established. *One ounce will produce about 1,000 plants.*

	Pkt.	Oz.	1/4 lb.	Lb.
Black Pekin. Early, fruit jet black, round in form and very solid	\$0.10	\$0.50	\$1.50	\$5.00
Early Long Purple. Differing in shape from the foregoing; hardy and productive	.10	.25	.75	2.25
New York Improved. The leading market variety; excellent and very productive	.10	.50	1.50	5.00
White Pearl. A large white fruited variety; ornamental and useful	.10	.40	1.00	

See Special Offers on third page of cover.

Endive.German, *Endivien*. — French, *Chicorée*. — Spanish, *Endivia*.

Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July. When up, thin out to eight inches apart, and water well afterwards if dry. When the leaves are six to eight inches long, blanch by gathering together and tying near the top with yarn or raffia. This must be done when the plants are quite dry or they will rot. Before cold weather, take up carefully with a ball of earth to each plant, and place close together in a cold frame or cellar for use. Keep dry and give plenty of air, or they will rot. *One ounce will sow 150 feet of drill.*

**Moss Curled Endive.**

I appreciate the way your house has served me during the past season. The seeds and bulbs I have had from you, I am pleased to say, have proved very satisfactory.

ROBERT F. CROSS, Osterville, Mass.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Broad Leaved (<i>Escarolle</i>). A very sweet variety for fall and winter use	\$0.05	\$0.15	\$0.50	\$1.50
✓ Green Curled . The standard sort, suitable for fall and winter . . . . .	.05	.15	.50	1.50
✓ Moss, or Parisian Curled . A small very beautifully curled sort . . . . .	.05	.20	.60	2.00
✓ White Curled . Grown for early use . . . . .	.05	.20	.50	1.50

**Kohl-Rabi.****Kale. — See Borecole.****Kohl-Rabi (Turnip-Rooted Cabbage).**German, *Kohl-Rabi*. — French, *Chou-Rave*. — Spanish, *Col de nabo o Nabicol*.

An intermediate vegetable between the cabbage and turnip. Sow in April, in rows 18 inches apart, and thin out or transplant in rows eight inches apart. When three to four inches in diameter they are fit to eat. For late use, sow in June and July. *One ounce will sow 150 feet of drill.*

	Pkt.	Oz.	¼ lb.	Lb.
✓ Early White Vienna , flesh white	\$0.05	\$0.25	\$0.60	\$2.00
✓ Early Purple Vienna , differing from the above in color . . . . .	.05	.25	.60	2.00

Leek.German, *Lauch*. — French, *Poireau*. — Spanish, *Puerro*.

Makes a valuable second crop on land that has been used for cabbage, etc., but the soil should receive a liberal dressing of well-composted manure before being planted. Sow the seed in April, in rows one foot apart, and transplant in July. Transplant quite deeply into rows 15 inches apart, with six inches between the plants. Hoe up the earth around the stems when they begin to grow, so as to blanch and make them tender. Take up and store in earth in a cool cellar before winter weather. *One ounce of seed will sow 100 feet of drill.*

	Pkt.	Oz.	¼ lb.	Lb.
✓ Large Flag . A hardy and profitable sort, excellent for winter use	\$0.05	\$0.25	\$0.50	\$1.75
✓ Large Rouen Winter . Large and of fine flavor. Remains a long time in good condition . . . . .	.05	.30	.60	2.00
✓ Musselburgh, or Carentan . The famous Scotch sort, large, hardy and distinct . . . . .	.05	.30	.60	2.00

Lettuce.German, *Lattich-Salat*. — French, *Laitue*. — Spanish, *Lechuga*.

(For price on Lettuce Plants see Vegetable Plants.)

The most easily grown of all open-air plants used for salads. It requires a warm soil that has had a liberal dressing of well-rotted manure and abundant moisture. To be of satisfactory quality, the growth should be rapid and vigorous. Seed may be sown in a frame in February or March, the plants set out as early as the ground can be worked, as light frosts will not injure them. Set the plants nine inches apart in the rows, and 18 inches between the rows. For successive crops, sowing may be made every two weeks up to the end of August. To grow Cos successfully the seed must be sown early in a hot-bed, and when large enough transplanted to a cold-frame in order to have good plants ready to set out when the ground becomes workable. They require tying for a few days, when grown, to blanch them. *Breck's Boston Market, Big Boston and Hittinger's Belmont* are varieties especially suitable for growing under glass. *One ounce of seed will produce about 4,000 plants.*

	Pkt.	Qt.	¼ lb.	Lb.
✓ All the Year Round . Medium size, firm heads that do not readily run to seed	\$0.05	\$0.15	\$0.40	\$1.25
✓ Big Boston . Suitable for cold-frames or open ground . . . . .	.05	.20	.60	1.75
✓ Breck's Black Seeded Tennisball , Arlington strain. One of the most popular sorts for outdoor cultivation. The heads are tender and compact with outer leaves . . . . .	.10	.40	1.25	4.50

**Paris White Cos Lettuce.**

See Special Offers on third page of cover.

Lettuce—Continued.

✓ **Black Seeded Simpson.** A superior variety, large, light colored heads
 ✓ **Boston Curled.** Esteemed for its earliness, beauty and good table qualities

Pkt.	Oz.	1/4 lb.	Lb.
\$0.05	\$0.15	\$0.30	\$1.00
.05	.25	.75	2.50

**Iceberg Lettuce.**

✓ **Breck's Boston Market.** A carefully selected strain of *White Seeded Tennisball*. Grows very compact, and is a most profitable forcing variety

.10	.40	1.25	4.50
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✓ **Crumpled Leaf.** Unusually large, solid, firm heads. The outer leaves are crumpled and of a dark green color, extra for shipping

.10	.40	1.25	4.00
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✓ **Defiance, or Heat-resisting.** Large and crisp, withstands summer heat

.05	.15	.50	1.50
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✓ **Deacon.** Large, solid, summer Cabbage variety

.05	.20	.60	1.75
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✓ **Denver Market.** An early head variety. The leaves are blistered like a savoy cabbage, forces well

.05	.15	.30	1.25
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✓ **Early Curled Simpson.** Early, forms a compact mass of tender leaves of a yellowish-green color

.05	.20	.60	1.50
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✓ **Early Prize Head.** Large heads, dark colored, tender and fine

Pkt.	Oz.	1/4 lb.	Lb.
\$0.05	\$0.25	\$0.60	\$2.00

✓ **Giant Crystal Head.** Crisp and tender, outside leaves dark green, inside white with yellow heart

.10	.30	1.00	
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✓ **Giant Golden Heart Lettuce.** A splendid summer heading sort.

.10	.30	1.00	
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✓ **Grand Rapids Forcing.** Large and tender, fine for forcing

.05	.15	.50	1.25
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✓ **Hanson Improved.** One of the best outdoor sorts, large, solid, heavy, crisp heads

.05	.25	.60	1.50
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✓ **Hittinger's Belmont.** Unsurpassed for greenhouse forcing. Heads are larger than *White Seeded Tennisball*, and a little later.

The strain of seed is local grown and highly selected

.10	.40	1.25	4.00
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✓ **Iceberg.** Large, solid heads, handsome, tender and crisp

✓ **New York Cabbage.** Dark green color; large, solid heads

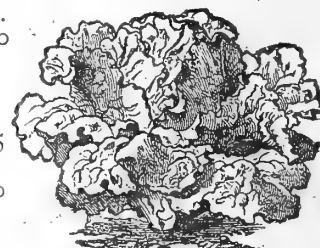
✓ **Paris White Cos, or Romaine.** Very early, requires tying to blanch

✓ **Salamander.** One of the best summer cabbage sorts

✓ **Sensation.** Excellent for forcing or outdoor culture; it does well during the hot summer months, heads large and solid

✓ **Trianon, Self-Closing Cos.** The best cos sort, withstands warm weather

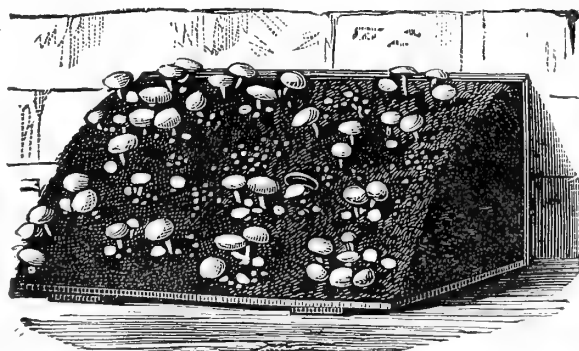
✓ **Lettuce for Birds**

**Blackseed Simpson.**

Pkt.	Oz.	1/4 lb.	Lb.
\$0.05	\$0.20	\$0.50	\$1.25
.05	.15	.50	1.25
.05	.25	.60	2.00
.05	.20	.50	1.50
.05	.20	.60	1.75
.05	.25	.75	2.00
		.10	.30

Mushroom.

German, *Champignon*. — French, *Champignon*. — Spanish, *Hongo*.
 (Our special offers do not apply to Mushroom Spawn.)

**Mushroom.**

Mushrooms may be grown in cellars, out-houses, sheds, under greenhouse benches. The amateur, however, is more likely to meet with success in cellars than elsewhere, as the cool moisture of the atmosphere and the uniform temperature are more congenial to the growth of this vegetable than in the structures above ground. The temperature should range between 55 and 60 degrees. Use a mixture of equal *weights*, fresh horse droppings and loam that has no manure in it. Before placing this mixture in the bed turn it over every day for a week, so that it does not heat violently, and be careful to keep it under cover, so that it cannot get wet. Then begin to make the bed by spreading thin layers of the mixture, and pound each firm, until you have in all a depth of eight to ten inches; leave it thus for a few days until the heat runs up to 100 degrees or over and then declines to 90 degrees; when this point is reached it is ready for spawning, which is done by making holes, three or four

inches deep and 12 inches apart each way; into each hole put a piece of spawn about as large as a hen's egg and fill in the hole with compost. At the end of 10 or 12 days the spawn will have run through the whole bed. There should then be spread over the entire surface about two inches of fresh loam. Over all place a few inches of straw. All that remains to be done is to keep the temperature as near 60 degrees as possible; it should never be allowed to fall below 50 degrees, or the crops will be both reduced and delayed. Ordinarily, if the conditions are right, mushrooms will appear in about six weeks and continue to come for about a month. In the event of the surface of the bed becoming very dry sprinkle it freely with water at a temperature of about 100 degrees. After the crop has been taken off the bed, it should receive a dressing of fresh loam to a depth of half an inch, thoroughly firmed, over the entire surface, and when dry a sprinkling with water as above recommended, and a second crop will soon be had. *A brick of English spawn is sufficient for nine square feet of bed.*

To Grow in Pasture. Insert pieces of spawn about three inches square in holes about three inches deep, fill up the holes with loam and cover with the turf, making it quite firm over the spawn. It should be done in a dry time to admit of the spawn spreading, the end of May or early June being the best time. With favorable weather mushrooms should appear in August

Mushroom Spawn. Original English Milltrack, superior to all others. Lb. 15 cts.; 50 lbs. \$4.50; 100 lbs. \$8.50

Mushroom Spawn. Genuine French Virgin. Lb. 50 cts.; 100 lbs. \$45.00.

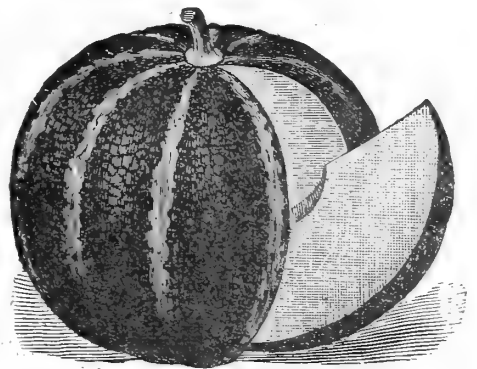
"How to Grow Mushrooms," by Faulkner, the most practical work on the subject to date. \$1.00.

"Mushroom Culture," by Robinson. \$0.50.

See Special Offers on third page of cover.

Melon (Musk).German, *Melone*. — French, *Melon*. — Spanish, *Melon*.

Melons prefer a warm, light, sandy loam; being tender, plantings should not be made before the middle of May. Plant about six seeds, half-inch deep, in hills five to six feet apart each way. The hills should have at least a peck of well-rotted compost thoroughly stirred into each of them before the seed is planted. When well grown thin out to three plants in a hill. If an earlier crop than this method of cultivation allows is desired, the directions given for growing early cucumbers may be followed. Slug shot, tobacco dust, coal ashes or dry lime are excellent to sprinkle over the young plants to prevent the attack of insects. *One ounce will plant about 60 hills. Two pounds will plant an acre.*



	Pkt.	Oz.	1/4 lb.	Lb.
Bay View Canteloupe. Large size, green flesh, fine flavor, late	\$0.05	\$0.15	\$0.40	\$1.20
Breck's Improved Emerald Gem. Large, solid orange flesh of unequalled quality	\$0.10	\$0.25	\$0.75	
Casaba. Large size, green flesh, fine quality	.05	.15	.40	\$1.20
Colorado, Rocky Ford or Netted Gem. Very popular, flesh light green color, sweet and delicate flavor	.05	.10	.30	.75
Coral Reef. Warty, yellow skin, pale green flesh, aromatic flavor	.10			
Early Christiana. Green with yellow flesh, an excellent early sort	.05	.15	.40	1.25
Emerald Gem. Small, but prolific, superior quality	.10	.20	.75	1.75
Extra Early Hackensack. Several days earlier than Hackensack, beautifully netted	.05	.15	.40	1.20
Green Flesh Osage. Osage quality, light green flesh	.05	.15	.40	1.25
Hackensack. Large, productive and fine flavored	.05	.15	.40	1.20
Jenny Lind. Small, green flesh, early, good quality	.05	.10	.30	1.00
Large Yellow Musk. Large, flesh salmon-yellow, very sweet	.05	.10	.30	1.00
Long Island Beauty. Round, one of the earliest and best	.10	.25	.75	
Miller's Cream. Osage type, thick, salmon-color flesh	.05	.15	.40	1.25
Montreal Green Nutmeg. Early, large size, excellent quality	.10	.20	.75	1.75
Netted Gem Round. Very early, small, fine flavor, green flesh	.05	.10	.30	.75
Osage. Light green, netted skin, orange flesh, good quality	.05	.15	.40	1.25
Paul Rose. Medium size, oval form, salmon flesh, thick, meaty and extra quality	.05	.15	.40	1.25
Pomegranate. Ornamental, for perfume, late	.05	.15	.35	
Prolific Nutmeg. Thick green flesh, honey flavor	.05	.10	.30	.80
Round Yellow Canteloupe. The true canteloupe flavor	.05	.10	.30	1.00
Surprise. Bright yellow flesh, musky flavor, medium size	.05	.10	.30	.80
Tip-Top. Sweet, juicy, fine flavor, firm flesh	.05	.15	.40	1.25
White Japan. Early, medium size, skin cream-white	.05	.15	.40	1.20
Mango. Vine orange or vegetable peach, size, shape and color of an orange, thick, meaty flesh	.05	.15	.40	

Melon (Water).French, *Melon d'eau*. — German, *Wassermelone*. — Spanish, *Sandia*.

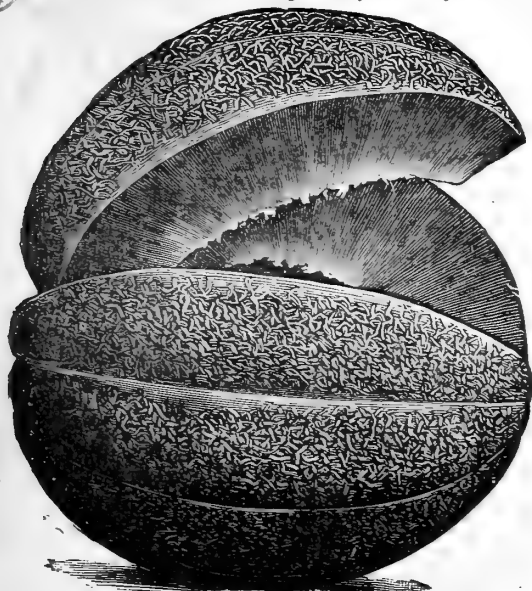
Watermelons require the same general treatment as musk-melons; but being more tender they should have the best possible exposure. The hills should be eight feet apart. *One ounce for forty hills; three pounds for an acre.*

	Pkt.	Oz.	1/4 lb.
Black Spanish. Scarlet flesh, thin rind, sugary flavor	\$0.05	\$0.10	\$0.25
Citron. For preserving	.05	.10	.25
Cole's Early. Medium size, red flesh, green skin	.05	.10	.25
Cuban Queen. Round, large, bright red, sweet and sugary	.05	.10	.25
Green and Gold. Large early variety, of fine quality, best for New England	.05	.10	.25
Gypsy, or Rattlesnake. Oblong shape, striped, red flesh	.05	.10	.25
Hungarian Honey. Very early, round shape, brilliant red flesh	.05	.10	.25
Ice Cream. Medium size, solid, scarlet flesh, fine flavor	.05	.10	.25
Mountain Sweet. One of the best for general culture	.05	.10	.25
Phinney's Early. A standard sort for New England, bright-red flesh, sweet and tender	.05	.10	.25
Stokes' Early. Good quality, early	.05	.10	.25
Sweetheart. Very large, fine quality	.05	.10	.25
Vick's Early. Early, medium size, oblong form, pink flesh	.05	.10	.25

Martynia.

The seed pods are used for pickling, and should be gathered when green and tender. Plant in the open ground the last week of May in rows two feet apart, making hill one foot apart in the rows; place several seeds in each hill, and when well up thin out to one plant. The seed may also be sown in a hot-bed, and the seedlings afterwards transplanted. *One ounce will plant 50 hills.*

	Pkt.	Oz.	1/4 lb.	Lb.
Martynia Proboscidea	\$0.05	\$0.30	\$1.00	\$0.35



Miller's Cream Musk Melon.

See Special Offers on third page of cover.

**Mustard.**German, *Senf*. — French, *Moutarde*. — Spanish, *Mostaza*.

Cultivated for salad. The leaves are used like cress when very young. Sow thickly in rows at different times from April to June, and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse, or in a frame. *One ounce will sow 40 feet of drill.*

	Pkt.	Oz.	1/4 lb.	Lb.
Brown or Black. More pungent in flavor than white				
	\$0.05	\$0.10		\$0.25
Chinese. Leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad	.05	.15	.30	1.00
White London	.05	.10		.25

Nasturtium, or Indian Cress.German, *Indianische Kresse*. — French, *Capucine*. — Spanish, *Capuchina*.

PLEASE NOTE: The nasturtium seed we offer is very superior. It is not the old hard colored sorts usually grown in mixture in Holland and generally offered at lower prices than ours. We ask those in doubt when comparing prices to try a little lot of ours side by side with the cheap seed and note the difference.

Cultivated both for use and ornament; the seeds while young and succulent are picked and used as capers. The young leaves are also useful in salads. The many beautiful colored flowers, which bloom freely all summer, add a charm to the garden. *One ounce will sow 40 feet of drill.*

	Pkt.	Oz.	1/4 lb.	Lb.
Dwarf. Good for borders	\$0.05	\$0.15	\$0.60	\$1.75
Tall. Excellent for covering fences, trellis-work, etc.	.05	.15	.50	1.50

For complete list of finest flowering sorts, see pages 97, 98.

Okra, or Gumbo.German, *Essbarer*. — French, *Gumbo*. — Spanish, *Quibombo*.

This vegetable is of the easiest culture, and grows freely, bearing abundantly in any ordinary garden soil. Sow early in May, in drills two inches deep, thin out the plants to about three feet apart. *One ounce will sow 40 feet of drill.*

	Pkt.	Oz.	1/4 lb.	Lb.
Dwarf Green. Early and productive, tender pods	\$0.05	\$0.10	\$0.25	\$0.75
Tall Green. Later than the foregoing, an immense cropper, pods extra large and tender	.05	.10	.25	.75
White Velvet. Large, creamy-white pods, very tender	.05	.10	.25	.75

Onion.German, *Zweibel*. — French, *Oignon*. — Spanish, *Cebolla*.

The onion thrives best in rather strong, deep, loamy soil, which should be well enriched with old well-rotted manure or compost, or what is better, deeply trench, add manure the autumn previous to sowing, and lay upon ridges during the winter to soften. Sow the seed thinly in drills about one-quarter inch deep and one foot apart. To ensure quick and safe germination after sowing the seed, the drills should be trod along evenly with the foot, and then raked even, so that the hot, dry atmosphere may not dry up and destroy the sprouting seed. When three inches high thin to three inches apart. Hoe frequently to keep down weeds. In the seed rows where the hoe cannot be used, the soil should be stirred with the fingers, otherwise weeds will quickly grow up and choke the crop. *One ounce of seed will sow 100 feet drill; four pounds per acre.*

**White Portugal.****Southport White Globe.****Tall Green Okra.**

The seed we offer, with the exception of the imported varieties, is Eastern grown, and calculated to give more satisfactory results than the Western grown seed.

	Pkt.	Oz.	1/4 lb.	Lb.
Red Globe. (Southport Strain.) The finest large red sort	\$0.05	\$0.15	\$0.50	\$1.50
Large Wethersfield. Immense yielder, excellent keeper	.05	.15	.50	1.35
Extra Early. Flat shape, deep red, mild flavor	.05	.15	.50	1.35
Italian Tripoli. Large size, flat shape, mild flavor	.05	.20	.60	1.75
Giant Rocca. Globe shape, light red, very mild flavor	.05	.20	.60	1.75
Bermuda. (Teneriffe grown.) Very early and mild	.05	.20	.60	1.75
White Globe. (Southport strain.) Mild flavor, early and large, not a good keeper	.05	.20	.60	1.75
Italian Tripoli. Large, white variety, mild	.05	.20	.60	1.75
Portugal. Large, flat shape, mild flavor, not a good keeper	.05	.20	.60	1.75
Queen. Small, pure white, extra early, fine for pickles	.05	.20	.60	1.75
Mammoth Garganus, or Silver King. Silvery white, large size, mild flavor	.05	.20	.60	1.75

See Special Offers on third page of cover.

Onion — Continued.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Yellow, Breck's Yellow Globe Danvers. This is a home grown pedigree strain that we believe to be superior to any other Yellow Globe obtainable	\$0.10	\$0.30	\$0.85	\$3.00
✓ " Yellow Globe. Grown from selected bulbs, a very good type . . . . .	.05	.15	.40	1.25
✓ " Southport Globe. Handsome and distinct, somewhat late . . . . .	.05	.15	.50	1.50
✓ " Early Cracker. Flat shape, early, and a good keeper . . . . .	.05	.20	.60	2.00
✓ " Prizetaker, or Globe Spanish. Large, light yellow . . . . .	.05	.15	.50	1.50
✓ Australian Brown. Early, medium size, splendid keeper . . . . .	.05	.15	.40	1.25

Onion Sets.

(Prices Variable.)

(Our Special Offers do not apply to Onion Sets.)

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows one foot apart, with sets three or four inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

	Qt.	Pk.		Qt.	Pk.
Yellow	\$0.20	\$1.00	White	\$0.25	\$1.25
Potato Onions . . . . .	.25	1.25	Shallots . . . . .	.30	1.50
Top, or Button Onions . . . . .	.25	1.25	White Multiplier, or Potato . . . . .	.25	1.25
Egyptian, or Perennial Tree, for fall planting					1.00

My purchases of your firm have always given me every satisfaction, being of uniform good quality.

W. DOWNS,

Gardener to Mrs. J. M. Dumaresq.



Breck's Yellow Globe Danvers.

Parsley.

German, *Petersilie*.—French, *Persil*.—Spanish, *Perejil*.

Soak the seeds a few hours in tepid water, and sew early in the spring in drills one foot apart; thin out the plants to three or four inches apart; a single row forms a very good edging for beds or walks. The seed germinates very slowly, and sometimes two or three weeks will elapse before the plants make their appearance. To preserve in winter, transplant to a light cellar or cold-frame. The Turnip-Rooted variety should be thinned out while the plants are quite young, and afterwards treated the same as carrots. *One ounce to 150 feet of drill.*

	Pkt.	Oz.	¼ lb.	Lb.
✓ Beauty of Parterre. An exceedingly fine curled sort	\$0.05	\$0.10	\$0.25	\$0.75
✓ Champion Moss Curled. Leaves beautifully curled, extra fine for garnishing . . . . .	.05	.10	.25	.75
✓ Fern-Leaved. Most exquisite in form and coloring . . . . .	.05	.10	.25	.75
✓ Hamburg, or Turnip-Rooted. Roots used for flavoring soups . . . . .	.05	.10	.25	.75

Parsnip.

German, *Pastinake*.—French, *Panais*.—Spanish, *Pastinaca*.

Sow thick in April, in rows 18 inches apart, and one inch deep, in a rich, deep soil, well manured the previous fall, or with fine manure early in March. When the plants are two or three inches high, thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in the fall a sufficient quantity for winter use, leaving the rest in the ground until spring, to be dug up as required. *One ounce for 100 feet of drill; five pounds to an acre.*

	Pkt.	Oz.	¼ lb.	Lb.
✓ Breck's Market Garden. For flavor, texture of flesh, form, smoothness and as a cropper, this variety is without an equal. This seed is New England grown	\$0.05	\$0.10	\$0.25	\$0.75
✓ Early Round, or Turnip-Rooted. Suitable for shallow soils, a fine cropper and good quality. . . . .	.05	.10	.20	.60
✓ Hollow Crown. A standard sort, large, and of good flavor . . . . .	.05	.10	.20	.60
✓ Long Smooth White. Free from coarse roots, a general favorite . . . . .	.05	.10	.20	.60

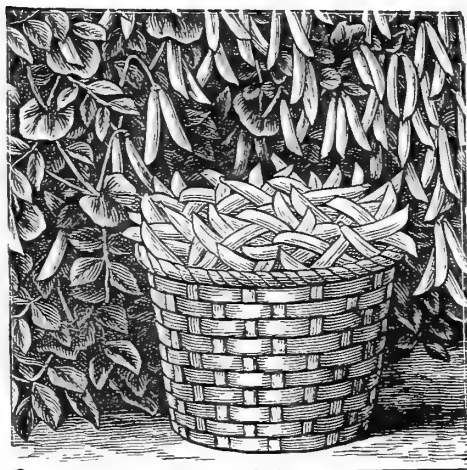
Pumpkin.

German, *Kurbis*.—French, *Courge*.—Spanish, *Calabaza*.

The pumpkin is now little used except for agricultural purposes, the squashes being so much sweeter, drier and finer grained for the kitchen. The farmer, however, finds the pumpkin a serviceable addition to his feed. The most common and least troublesome method of cultivation is to plant among the corn in hills eight feet apart, four seeds in a hill.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Connecticut Field. Very productive; largely grown for feeding stock	\$0.05	\$0.10	\$0.15	\$0.40
✓ Japan Crookneck. Fine keeper of first quality . . . . .	.05	.10	.20	.75
✓ Large Cheese, or Kentucky Field. Very productive; grown for both stock and table . . . . .	.05	.10	.20	.60
✓ Mammoth King. This variety often weighs over 100 pounds . . . . .	.05	.15	.50	1.50
✓ Mammoth Red Etampes. One of the largest, skin red, flesh very thick and fine flavored . . . . .	.05	.15	.50	1.50
✓ Nantucket, or Negro. Dark, warted skin, excellent for pies . . . . .	.05	.10	.30	1.00
✓ Quaker Pie. A good keeper and fine for pies . . . . .	.05	.10	.30	1.00
✓ Sweet Sugar. Round, small, and very sweet, an excellent table variety . . . . .	.05	.10	.20	.60
✓ White Cushaw. A pure white crookneck variety . . . . .	.05	.10	.20	.60
✓ Winter Luxury. A fine keeper and one of the best for pies . . . . .	.05	.10	.20	.75
✓ Pumpkin for Medicinal Purposes . . . . .			.10	.25

See Special Offers on third page of cover.

**Breck's Excelsior Peas.**

in peas are produced by the pea weevil (*Bruchus pisi*). These holes do not affect the growing of the peas, for as great a percentage of growth is obtained from infested peas as from those not stung by the beetle. For the past few years, late peas in some sections have suffered much from a new pea louse (*Nectarophora destructor*). If this pest is thrown to the ground by striking the vines with a feather duster or other light weapon and the space between the drills promptly hoed or raked little injury will result to the crop. The well known ladybug is a natural enemy of the pea louse and if seen on the vines should not be disturbed, as it does much to prevent the ravages of the louse. Kerosene emulsion is fairly effective in freeing the vines of insects. *One quart of peas will sow about 100 feet of drill.*

The seeds of the sorts to which an asterisk (*) is prefixed are wrinkled.

SPECIAL PRICES ON LARGE QUANTITIES QUOTED ON APPLICATION.

Extra Early Sorts.

	Pkt.	Qt.	Pk.	Bu.
* Alaska, or Clipper. A smooth, blue, prolific, sweet extra early	\$0.10	\$0.25	\$1.25	\$4.50
* Bliss's American Wonder. Well known early wrinkled sort	.10	.35	2.00	7.00
Breck's Excelsior. The best extra early for market and private garden	.10	.30	1.50	5.50
* Breck's Old Glory. Surpasses all early sorts	.10	.45	3.00	10.00
Breck's Probatum. A large podded, extra early, desirable sort	.10	.40	2.25	8.00
* Carter's Premium Gem. Dwarf prolific, green, wrinkled variety of good quality	.10	.35	2.00	7.00
Claudit. The most desirable extra early pea introduced to date. The pea is large, deep green in color, and slightly wrinkled. The quality is unsurpassed by any of the deeply wrinkled sorts. The pods, borne singly, approach in size the popular Telephone. The vine is of vigorous growth, height two and one-half feet. The seed of this sort can be planted with perfect safety at the same time as the Alaska and First and Best strains, and the large pods will be ready to pick at the same time.	.10	.45	3.00	10.00
* Duke of York. Very large, long full pods, the peas are of the finest quality, early; coming in a few days after Gradus, productive and in every way desirable	.10	.30	1.75	6.75
* Gradus, or Prosperity. The pods are almost as large as those of the Telephone, and are fit to pick three days after Alaska	.10	.45	3.00	10.00
Improved Daniel O'Rourke. A standard extra early variety	.10	.25	1.25	4.50
Maud S. P. & W.'s Improved. A first-class selected strain of extra early	.10	.25	1.25	4.50
* Nott's Excelsior. Extra early, grows 15 inches high. Superior to American Wonder	.10	.35	2.00	7.00
* Surprise, or Eclipse. Only two or three days later than Breck's Excelsior, small pods, quality excellent	.10	.30	1.75	6.00
* Thomas Laxton. A cross between Gradus and an extra early sort. It is without exception the best early wrinkled sort yet produced. It grows about three feet high; is very productive; the well-filled pods are as heavy as those of Gradus and of a darker color. It is said to be earlier and hardier than Gradus	.10	.45	3.00	10.00
Tom Thumb. About nine inches high, very early	.10	.35	2.00	7.00
* William Hurst. A famous English variety, resembles somewhat Premium Gem, but more productive and with larger pods	.10	.35	2.00	7.00

Second Early Sorts.

* Bliss's Abundance. Strong vines of medium height that bear an enormous number of well-filled pods	.10	.25	1.50	5.00
* Bliss's Everbearing. A most desirable main crop variety for the private grower	.10	.25	1.50	5.00
* Dwarf Telephone, or Daisy. As large and productive as the original Telephone, but earlier and dwarfer	.10	.30	1.75	6.50
* Duke of Albany, or American Champion. Larger pods than Telephone, earlier, dwarfer, and with little tendency to "sport"	.10	.30	1.75	6.50
* Heroine. A long, full podded variety that follows Advancer in season	.10	.30	1.50	5.00
* Horsford's Market Garden. Type and quality of Advancer, more productive	.10	.30	1.50	5.00
* Juno. Remarkably large, long, straight, thick throughout, well filled pods	.10	.30	1.50	5.00

See Special Offers on third page of cover.

Peas — Continued.**Second Early Sorts — Continued.**

	Pkt.	Qt.	Pk.	Bu.
* McLean's Advancer. A dwarf green wrinkled marrow of fine flavor	\$0.10	\$0.30	\$1.50	\$5.00
* McLean's Advancer, Breck's Pedigree Strain. This is a selection of the favorite Advancer; <i>uniformity in size, color and maturing of pods</i> were the characteristics sought for in breeding this strain. It was not secured by simply selecting pods; the whole character of the parent plants being considered in choosing	.10	.35	2.00	7.00

General Crop.

* Blackeye Marrow. An excellent old-fashioned sort	.10	.25	1.00	3.00
* Breck's New Life. All things considered, the most valuable pea of its season for home or for market	.10	.30	1.75	6.50
* Breck's Improved Telephone. This is as distinct and desirable improvement on the ordinary Telephone as our New Life was on Stratagem. It is the result of careful breeding and selection for more than five years. While all the undesirable features of the original have not yet been eliminated, the advance in many ways is so marked that we consider this the best Telephone type now obtainable	.10	.35	2.00	7.00
* Carter's Telephone. A vigorous grower, extra large well filled pods	.10	.30	1.75	6.00
* Champion of England. The standard late variety, sweet and productive	.10	.25	1.25	4.50
* Dwarf White Marrow. An old-fashioned yet popular variety	.10	.25	1.00	3.00
* Pride of the Market. An enormously productive wrinkled marrow of good quality	.10	.30	1.50	5.50
* Sharpe's Queen. Large, well filled pods, of extra quality, equal in all and superior in some respects to Stratagem	.10	.30	1.50	5.00
* Stratagem. A sport that usually produces stalky vines covered with full pods of extra size	.10	.30	1.75	6.00
* Shropshire Hero. After the style of Yorkshire Hero, but more desirable	.10	.30	1.50	5.00
* Yorkshire Hero. A wrinkled marrow of extra fine quality	.10	.30	1.50	5.00

Edible Podded Peas.

	Pt.	Qt.
* Early Dwarf Wrinkled Sugar. A French variety, early and of good quality	\$0.20	\$0.40
* Tall Gray Sugar. Can be used either shelled or cooked in the pods	.20	.40

Special prices per bushel quoted on application.
For Canada Field and other Forage Peas see page 45.

Potatoes.

(Prices subject to market changes.)

Special prices on large quantities quoted on application. Special offers do not apply on potatoes.

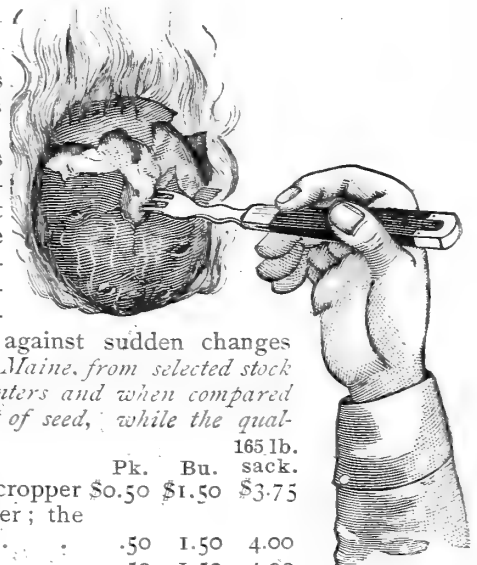
Of the many varieties of potatoes that claim public favor, we have selected only a few, and these the best

in cultivation. We aim to include in our list only those sorts which we have found by actual test are worthy of cultivation. Orders will be booked as received, and shipped in rotation, after danger of freezing is over; and as potatoes are of a perishable character, we assume no responsibility for damages incurred in transit, but we will, of course, exercise the greatest care to guard against sudden changes in the temperature. *All the potatoes we offer are grown in Aroostook County, Maine, from selected stock especially for seed purposes. They are calculated to give the best results to planters and when compared with common stocks will more than pay in increased crop for the small extra cost of seed, while the quality will be better and more uniform. Ten to 12 bushels will plant an acre.*

	Pk.	Bu.	165 lb. sack.
* Beauty of Hebron. A standard sort, pure white skin and flesh, an excellent cropper	\$0.50	\$1.50	\$3.75
* Breck's Chance. Quality is the leading feature, but it is early, a good cropper; the tubers are just the size wanted for the table	.50	1.50	4.00
* Carman No. 1. White fleshed, medium; late sort of perfect quality	.50	1.50	4.00

	Pk.	Bu.	Sack. 165 lb.
* Carman No. 3. A potato with a long pedigree. Try it	\$0.50	\$1.50	\$4.00
* Clark's No. 1. A well-known, very productive sort of fine quality	.50	1.50	4.00
* Delaware. Medium early, very large, white throughout, and extra quality	.50	1.50	4.00
* Early Harvest. Wonderfully early, fine-sized tubers	.50	1.50	3.75
* Early Ohio, Jr. An old rough-skinned standard sort, highly recommended	.50	1.50	4.00
* Early Northern. Earlier and more prolific than Early Rose, of which it is a seedling	.50	1.50	4.00
* Early Rose. Our stock of this standard variety is especially good	.50	1.50	4.00
* Early Six Weeks. Similar to Early Ohio, but earlier	.50	1.60	4.25
* Green Mountain. A second early of superior quality, a large yielder and good keeper	.50	1.50	3.50
* Lady Finger. The genuine old-fashioned variety for baking, per lb. 20 cts.	1.00	3.00	
* New Queen. Of the Hebron type, but earlier, a great yielder, fewer small ones	.50	1.50	3.75
* Pearl of Savoy. Very early, large oblong tubers, productive and of superior flavor	.50	1.50	4.00
* The Bovee. Resembles Queen in appearance, quite early, good quality and keeper	.50	1.50	4.00

See Special Offers on third page of cover.

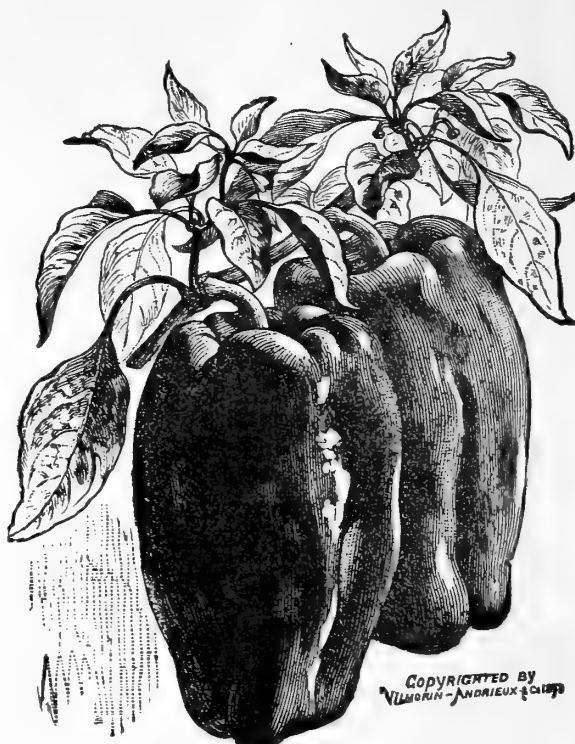


Pepper.

German, *Pfeffer*. — French, *Piment*. — Spanish, *Pimiento*.

Plant in hot-beds in March, and transplant into the open ground the latter part of May, in rows about 20 inches apart and eight inches apart in the row. Repeated hoeings promote their growth. *One ounce of seed will produce about 2,000 plants.*

✓ Cayenne, Long Red. The pods of this variety	Pkt.	Oz.	¼ lb.
are from three to four inches in length, cone-shaped, and coral red when ripe	\$0.05	\$0.25	\$0.75
✓ Celestial. Fruit at first yellow, but becomes deep scarlet when matured	.05	.25	.75
✓ Golden Dawn. Shaped like the bell; color, golden yellow	.05	.25	.75
✓ Large Bell, or Bull Nose. Fruit large; an early sweet variety	.05	.25	.75
✓ Procopp's Giant. Long and large, fine scarlet; flesh thick	.05	.25	.75
✓ Red Cherry. Fruit round, very productive and ornamental	.05	.25	.75
✓ Red Chili. Used for pepper sauce, small, narrow pods, about five inches long; very thick, fine flavor	.05	.25	.75
✓ Ruby King. Pods about five inches long, very thick, fine flavor	.05	.25	.75
✓ Squash, or Tomato-Shaped. The kind most generally grown for pickling; an excellent sort	.05	.25	.75
✓ Sweet Mountain, or Mammoth. Similar in shape to the large bell, but of much larger size	.05	.25	.75



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Rhubarb.

German, *Rhabarber*. — French, *Rhubarbe*. — Spanish, *Rhubarbo Bastardo*.

(For price of Rhubarb Roots see Vegetable Plants.)

Sow early in the spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil about three feet apart each way. If propagated by dividing the roots, it may be done either in fall or spring, planting it at the same distance apart as given above.

✓ Linnæus. Early, large, and tender.	Pkt. 5 cts.	oz. 20 cts.	¼ lb. 50 cts.
✓ Victoria. Very large, later than Linnæus.	Pkt. 5 cts.	oz. 20 cts.	¼ lb. 50 cts.

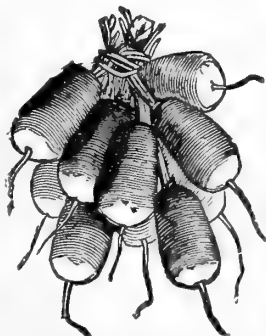
Radish.

German, *Rettig*, *Radieschen*. — French, *Radis*, *Rave*, *Petit Rave*. — Spanish, *Rabano*.

Radishes require a light, rich, sandy loam; heavy or clayey soils not only delay their maturity but produce crops much inferior, both in appearance and especially in flavor. For a constant supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply they may be sown in a hot-bed in February. For winter radishes, sow the seed about beginning of July, and keep the roots during winter in a cool cellar, covered with earth. They should be placed in cold water an hour or so before using. *One ounce of seed will sow 100 feet drill; 10 lbs. per acre.*



Long Scarlet Short Top
Radish.



French Breakfast
Radish.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Turnip, Deep Blood Red. A fine early forcing sort.	\$0.05	\$0.10	\$0.20	\$0.75
✓ " Early French Scarlet Forcing. The earliest of all	.05	.10	.20	.75
✓ " Early Deep Scarlet. Early, fine color	.05	.10	.20	.60
✓ Turnip, Early Scarlet Globe. Fine for forcing or open ground	\$0.05	\$0.10	\$0.25	\$0.75
✓ " Early Scarlet White-Tipped. Very early	.05	.10	.20	.60
✓ " Early White. Flesh pure white and sweet	.05	.10	.20	.60
✓ " Golden Summer. A desirable and mild flavored sort	.05	.10	.20	.60
✓ " Large White Summer. Large size, good quality	.05	.10	.20	.60
✓ " Rosy Gem. Bright red, tipped white, good quality	.05	.10	.20	.60
✓ " Triumph. Mottled scarlet and white, a good forcer	.15			
✓ Olive-Shaped, Deep Scarlet. Quite early, fine for open ground	.05	.10	.20	.60
✓ Olive-Shaped, French Breakfast. Early, scarlet with white tip	.05	.10	.20	.60



Olive-Shaped Scarlet
Radish.

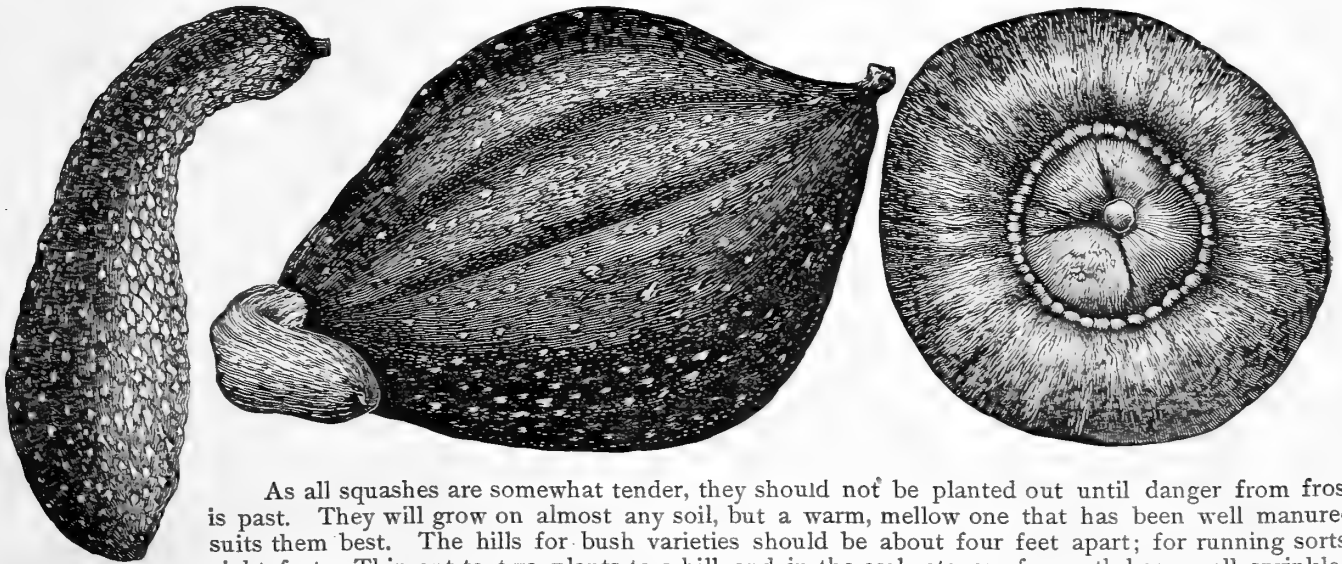
See Special Offers on third page of cover.

Radish—Continued.

	Pkt.	Oz.	¼lb.	Lb.
✓ Olive-Shaped White. An excellent summer sort	\$0.05	\$0.10	\$0.25	\$0.75
✓ Long, Brightest Scarlet. An early, long, white-tipped sort . . . . .	.05	.10	.20	.60
✓ " Chartier. Scarlet with white tip, thick and mild . . . . .	.05	.10	.20	.60
✓ " Scarlet Short Top. Long and crisp, fine . . . . .	.05	.10	.20	.60
✓ " White Vienna. Crisp and tender in summer . . . . .	.05	.10	.25	.75
✓ " Wood's Early Frame. A good forcer, long, red, crisp . . . . .	.05	.10	.20	.60
✓ White Giant Stuttgart. Early, mild and tender, withstands summer heat perfectly . . . . .	.05	.10	.20	.60
✓ White Strasburg Summer. The German's favorite, large . . . . .	.05	.10	.20	.60
✓ Winter California Mammoth White. A grand keeper . . . . .	.05	.10	.25	.75
✓ " Long Black Spanish. The popular winter sort . . . . .	.05	.10	.20	.60
✓ " Round Black Spanish. A fine winter variety . . . . .	.05	.10	.20	.60
✓ " Rose China. Handsome and distinct . . . . .	.05	.10	.20	.60
✓ Raphanus Caudatus. (<i>Edible Pod Radish, or Rat-Tailed Radish.</i>) The seed pods are edible, and may be used raw or pickled . . . . .	.10	.50		

Squash.

German, *Kurbiss*.—French, *Courge*.—Spanish, *Calabaza Tontanera*.



As all squashes are somewhat tender, they should not be planted out until danger from frost is past. They will grow on almost any soil, but a warm, mellow one that has been well manured suits them best. The hills for bush varieties should be about four feet apart; for running sorts, eight feet. Thin out to two plants to a hill, and in the early stages of growth keep well sprinkled

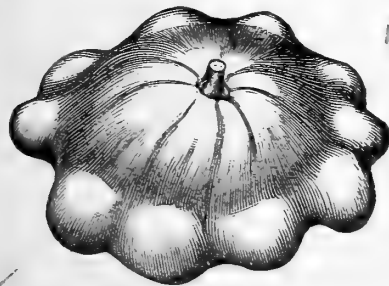
with plaster dust. *Bush varieties, one ounce to 40 hills; running varieties, one ounce to 20 hills; two to four pounds per acre.*

Bush Varieties.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Giant Summer Crookneck. Yellow fruit, large and good	\$0.05	\$0.10	\$0.30	\$1.00
✓ Golden Custard. An improved and larger yellow bush . . . . .	.05	.10	.30	1.00
✓ Mammoth White Bush. The best for early use . . . . .	.05	.10	.25	.75
✓ Vegetable Marrow. A favorite English sort, distinct, flesh white . . . . .	.05	.15	.40	1.50
✓ Yellow Bush Scallop. A fine summer sort . . . . .	.05	.10	.30	1.00

Running Varieties.

✓ American Turban. Orange-yellow flesh, dry, rich and sweet . . . . .	.05	.10	.30	1.00
✓ Bay State. Style of Essex Hybrid, color blue, good for fall and winter . . . . .	.05	.10	.30	1.00
✓ Boston Marrow. Follows the summer sorts in season, a good fall and winter sort . . . . .	.05	.10	.25	.80
✓ Canada Crookneck. Small, green skin, productive, fine winter sort . . . . .	.05	.10	.30	1.00
✓ Delicata. Orange, striped green, early and productive, small size, good keeper . . . . .	.05	.15	.40	1.25
✓ Delicious. Leads all others in quality . . . . .	.10	.25	.85	3.00
✓ Early Prolific Marrow, or Orange Marrow. Early, distinct, good, suitable for fall or winter use . . . . .	.05	.10	.25	.80
✓ Essex Hybrid. A hard shell Turban, fine for winter . . . . .	.05	.15	.30	1.00
✓ Golden Bronze. Color green and bronze, flesh golden-yellow, dry and very sweet, average weight about 10 pounds . . . . .	.05	.15	.40	1.25
✓ Hubbard. A standard winter sort, meat dry and fine . . . . .	.05	.15	.40	1.25
✓ Hubbard, Golden or Red. A grand keeper . . . . .	.05	.15	.40	1.25
✓ Hubbard, Mammoth Warted. Large, completely covered with warts, keeps well, fine quality . . . . .	.05	.15	.40	1.25
✓ Marblehead. Very productive, a fine keeper . . . . .	.05	.15	.40	1.25
✓ Warren. An improved Essex Hybrid . . . . .	.05	.10	.30	1.00
✓ Winter Crookneck. A standard winter sort, of fine quality . . . . .	.05	.10	.30	1.00

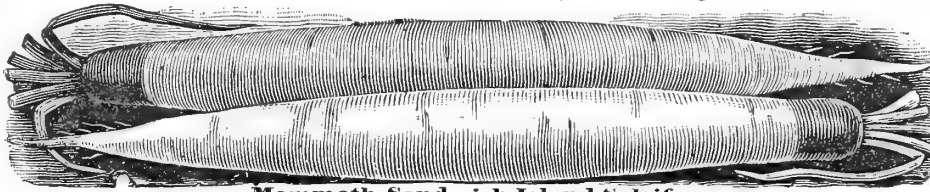


See Special Offers on third page of cover.

Spinach.German, *Spinat*. — French, *Epinard*. — Spanish, *Espinaca*.

Spinach likes a rich soil, and should be sown for a main crop in August or September. When cold weather sets in, it should be protected from frost by covering it with straw and brush. For summer use, sow at intervals of two or three weeks from April to August. Sow the seed of New Zealand Spinach (which must be scalded and soaked in hot water before sowing) in hills three feet apart each way, three or four seeds in a hill. This is fit for cutting all summer. One ounce will sow 50 feet of drill; 12 pounds per acre.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Long Standing. (Round, thick leaved.) Leaves thick and large. The best for spring sowing	\$0.05	\$0.10	\$0.15	\$0.35
✓ New Zealand. (<i>Tetragonia expansa</i> .) A distinct, spreading plant that produces an abundant supply of greens all summer	.05	.15	.30	1.00
✓ Prickly, or Winter. Recommended for fall sowing	.05	.10	.15	.35
✓ Round Viroflay. Large, thick, dark green leaves	.05	.10	.15	.35
✓ Savoy-Leaved, or Bloomsdale. Large curled and wrinkled leaves, a fine market sort	.05	.10	.15	.35
✓ Victoria. Very dark colored leaves, fine variety for spring sowing, later than Long Standing	.05	.10	.15	.35

Salsify, or Oyster Plant.German, *Boksbart*. — French, *Salsifis*. — Spanish, *Ostra Vegetal*.

The demand for Salsify is increasing from year to year, as its delicious qualities are becoming known. It is used stewed, boiled, or fried, and sometimes as a salad sliced raw in

Mammoth Sandwich Island Salsify.

vinegar with salt and pepper. When cooked it has an oyster flavor, and is commonly called "Vegetable Oyster." The directions for growing and keeping are the same as for parsnip. One ounce will sow 50 feet of drill; 10 lbs. to the acre.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Breck's Improved Long White. Roots of medium size, white and smooth	\$0.05	\$0.15	\$0.40	\$1.25
✓ Mammoth Sandwich Island. Twice as large as the preceding, and of fine quality	.05	.15	.50	1.50

Tobacco.

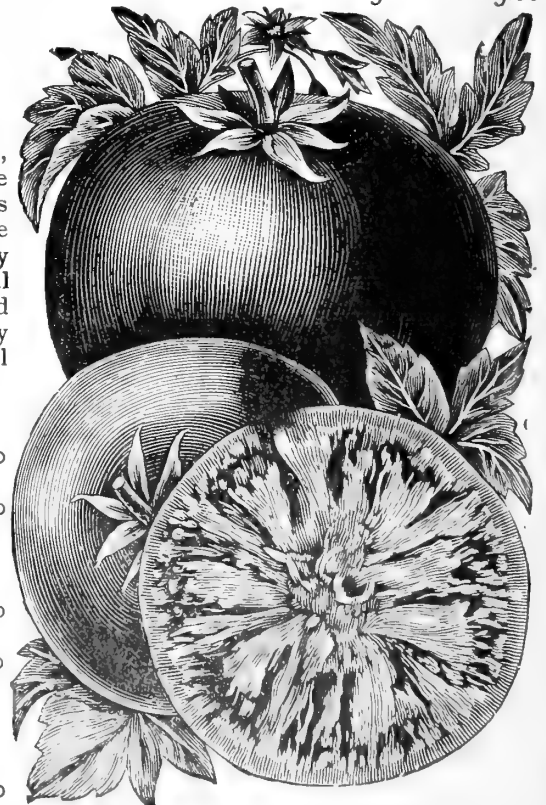
✓ Connecticut Seed-Leaf. Best adapted to the climate of the Northern and Middle States	.05	.25		2.00
✓ Havana. Imported seed	.10	.30		3.50
✓ Rose Muscatel. Makes an excellent quality cigar	.10	.30		3.00

Tomato.German, *Liebsapfel*. — French, *Tomate*. — Spanish, *Tomate*.

(For Tomato Plants, see Vegetable Plants.)

The seeds should be sown in a hot-bed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out about four or five inches apart in another hot-bed. About the middle of May the plants may be set in the open ground; they are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun for a few days until the plants are established. One ounce will produce about 2000 plants.

	Pkt.	Oz.	¼ lb.	Lb.
✓ Acme. Very early, medium size, smooth, purplish pink color	\$0.05	\$0.25	\$0.60	\$2.00
✓ Autocrat. Large, smooth and productive, color of Acme	.05	.25	.75	2.50
✓ Breck's Belmont. The best early either for forcing or open ground cultivation, fruit bright scarlet, with few seeds, finely flavored and solid	.10	.35	1.00	3.50
✓ Dwarf Champion. Dwarf and strong habit of growth, very solid and of extra quality	.10	.30	1.00	3.00
✓ Dwarf Champion Scarlet Fruited. In habit, size, quality and productiveness same as <i>Dwarf Champion</i> . The color of the fruit, however, is bright scarlet, very attractive and valuable	.10	.30	1.00	3.00
✓ Earliana. Earliest and best bright red Tomato, smooth and firm	.10	.40	1.50	5.00
✓ Early Ruby. Very early, large size, bright scarlet color	\$0.05	\$0.25	\$0.75	\$2.50
✓ Essex Hybrid. An old favorite, suitable alike for forcing and field crop	.10	.30	1.00	3.00
✓ Golden Queen. Good size and quality, bright yellow color	.10	.30	1.00	3.00
✓ Honor Bright. Distinct, fine quality, the best keeper yet introduced	.05	.25	.60	2.00
✓ Livingston's Beauty. An early variety, prolific, glossy crimson in color	.05	.25	.60	2.00
✓ Livingston's Favorite. Ripens evenly and quite early, noted for its good shipping qualities	.05	.25	.60	2.00
✓ Livingston's Perfection. Large and early, thick meat, few seeds, blood-red color	.05	.25	.60	2.00

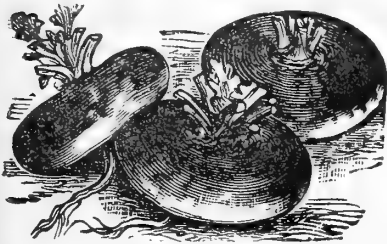
**Breck's Belmont Tomato.**

	Pkt.	Oz.	¼ lb.	Lb.
✓ Breck's Belmont. The best early either for forcing or open ground cultivation, fruit bright scarlet, with few seeds, finely flavored and solid	.10	.35	1.00	3.50
✓ Dwarf Champion. Dwarf and strong habit of growth, very solid and of extra quality	.10	.30	1.00	3.00
✓ Dwarf Champion Scarlet Fruited. In habit, size, quality and productiveness same as <i>Dwarf Champion</i> . The color of the fruit, however, is bright scarlet, very attractive and valuable	.10	.30	1.00	3.00
✓ Earliana. Earliest and best bright red Tomato, smooth and firm	.10	.40	1.50	5.00
✓ Early Ruby. Very early, large size, bright scarlet color	\$0.05	\$0.25	\$0.75	\$2.50
✓ Essex Hybrid. An old favorite, suitable alike for forcing and field crop	.10	.30	1.00	3.00
✓ Golden Queen. Good size and quality, bright yellow color	.10	.30	1.00	3.00
✓ Honor Bright. Distinct, fine quality, the best keeper yet introduced	.05	.25	.60	2.00
✓ Livingston's Beauty. An early variety, prolific, glossy crimson in color	.05	.25	.60	2.00
✓ Livingston's Favorite. Ripens evenly and quite early, noted for its good shipping qualities	.05	.25	.60	2.00
✓ Livingston's Perfection. Large and early, thick meat, few seeds, blood-red color	.05	.25	.60	2.00

See Special Offers on third page of cover.

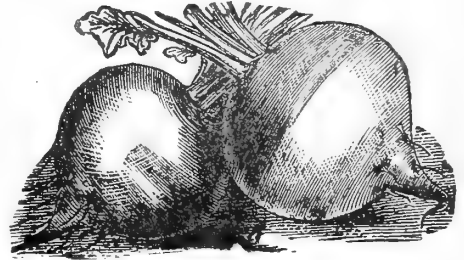
Tomato—Continued.

	Pkt.	Oz.	1/4 lb.	Lb.
Livingston's Stone. Very smooth, solid, thick flesh, bright scarlet color	\$0.05	\$0.25	\$0.60	\$2.00
Peach Red. Resembles a peach, for pickles and preserves	.05	.25	.75	2.50
Pear-Shaped Red. Fruit handsome and solid, fine for preserves	.10	.30	1.00	
Plum-Shaped Yellow. Uniform shape, bright yellow, used for pickles	.10	.30	1.00	
Ponderosa. The largest variety, solid and of good quality	.10	.35	1.25	4.00
Red Cherry. A small early variety, size and shape of a cherry, used for pickling	.10	.30	1.00	
Royal Red. Good main crop sort, intense bright red color	.05	.25	.75	2.50
Sutton's Best-of-All. Especially suitable for growing under glass. Medium size, solid, free from seeds, deep scarlet color	.15	.50	1.50	
Strawberry, or Winter Cherry. (<i>Physalis Alkekengi</i> .) The fruit grows in a husk and will keep all winter. It has a pleasant strawberry-like flavor. It is much used for preserving, also for sauce	.10	.40	1.25	
Trophy, Improved. A standard late variety, dark scarlet, fine for canning	.05	.25	.60	2.00
Yellow Cherry. Similar to Red Cherry except in color	.10	.30	1.00	

**Purple-Top Flat Strap Leaf Turnip.****Turnip.**

German, *Steckrube*.—French, *Navet*.—Spanish, *Nabo Comun*.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crop, and early in August for a fall and winter crop. A light soil well manured the previous year is the best; no manure should be applied at the time of sowing, unless it be well-decomposed

**Purple-Top White Globe Turnip.**

compost, or the roots would be liable to be bad-flavored. The ground should be dug or ploughed deep and made mellow and fine. Sow the seed of the flat sorts broadcast, and rake in evenly. After they are well up, thin to six or eight inches apart, and keep them clear from weeds. The Ruta Baga sorts should be sown in drills 15 inches apart, and for winter use may be sown from the 20th of June to the middle of July, on land that has been well manured for other crops in spring; thin out as for the early crop. *One ounce will sow 150 feet drill. Two pounds will sow one acre in drills. One pound will sow one acre broadcast.*

	Pkt.	Oz.	1/4 lb.	Lb.
Early Snowball. Small and of quick growth, pure white	\$0.05	\$0.10	\$0.20	\$0.50
Golden Ball. A small, golden-yellow flesh variety, unsurpassed for table use	.05	.10	.20	.50
Long White or Cow Horn. Flesh white, fine grained and sweet, and of excellent quality	.05	.10	.20	.40
Purple-Top Munich. One of the best earlies, of good form and quality	.05	.10	.20	.50
Purple-Top White Globe. A round, handsome turnip of superior quality	.05	.10	.20	.40
Purple-Top Milan. The earliest of the flat Red-Top Turnips, small, strapped leaves, white, sweet, tender flesh	.05	.10	.20	.50
Red, or Purple-Top Strap Leaf. The best of the flat turnips	.05	.10	.20	.50
White Egg. A handsome egg-shaped white variety, grows large	.05	.10	.20	.50
White-Top Milan. The earliest of all turnips, very mild flavor	.05	.15	.25	.60
White Norfolk. One of the best late varieties for stock	.05	.10	.20	.40
White-Top Strap Leaf. Similar to the Red-Top variety, but not so popular	.05	.10	.20	.40
White Flat Dutch. An excellent early sort	.05	.10	.20	.40
Yellow Aberdeen. Very hardy and productive; good for stock and table; keeps well	.05	.10	.20	.50
Yellow Stone, or Globe. Of medium size, excellent flavor, and a good keeper; flesh yellow	.05	.10	.20	.50

Ruta Baga, or Swedish Turnip.

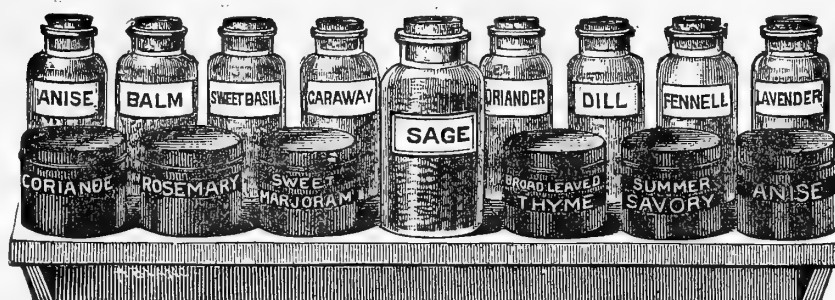
	Pkt.	Oz.	1/4 lb.	Lb.
Budlong Swede. A choice strain of white Swede	.05	.10	.20	.50
Improved American. Flesh yellow, solid, sweet and fine flavor	.05	.10	.20	.50
Long Island Purple-Top. A fine American strain, flesh yellow	.05	.10	.20	.50
Shamrock. A globe-shaped, very hardy, fine-grained, yellow	.05	.10	.20	.40
Skirving's Purple-Top. Large, yellow, firm flesh, sweet and a good keeper	.05	.10	.20	.40
St. Andrew's. A yellow flesh variety of excellent quality	.05	.10	.20	.50
Sweet German. Flesh pure white, very solid, sweet, mild, well flavored	.05	.10	.20	.40
White French. An excellent sort for table or stock. Flesh firm, white and solid	.05	.10	.20	.40

Fruit, Shrub and Tree Seeds.

(Special Offers do not apply on these seeds.)

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
Apple, American	\$0.05	\$0.10	\$0.60	Barberry, Common	\$0.10	\$0.20	\$1.50
Apricot Pits	.05	.10	.50	Barberry, Thunberg's	.10	.30	4.00
Currant, Cherry	.10	.30	2.50	Locust, Honey	.10	.15	1.00
Gooseberry, Mixed	.15	1.00		Ash, White	.05	.15	1.00
Peach Pits, per bush., \$2.50			.20	Birch, White	.10	.15	1.00
Pear, French	.10	.25	2.50	Cedar, Red	.10	.15	1.00
Quince	.10	.25	2.50	Elm, American	.10	.25	2.50
Raspberry	.10	.25	3.00	Maple, Sugar	.10	.20	1.00
Strawberry, Mixed	.15	1.00		Pine, White or Weymouth	.10	.30	3.50
Arbor Vitæ, American	.10	.40	3.00	Spruce, Norway	.10	.20	1.50

See Special Offers on third page of cover.



Sweet, Pot, and Medicinal Herbs.

These herbs are all of easy cultivation. Sow the seed as early in May as practical in shallow drills about 15 inches apart, thin out when two or three inches high. Generally speaking, it is best to cut the herbs when in flower.

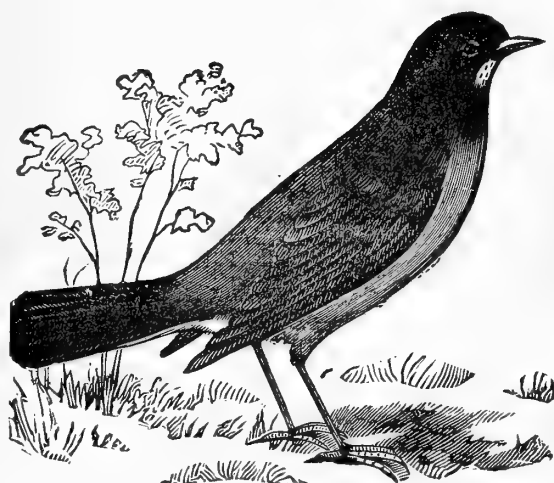
	Pkt.	Oz.	Lb.
Anise	\$0.05	\$0.10	\$0.60
Arnica	.10	1.00	
Balm	.05	.20	1.25
Basil, Sweet	.05	.15	1.00
Caraway	.05	.10	.50
Catnip	.10	.40	3.50
Coriander	.05	.10	.40
Dill	.05	.10	.40
Fennel, Sweet	.05	.10	.50

	Pkt.	Oz.	Lb.
Hop Seed	\$0.10	\$1.00	
Horehound	.05	.20	1.50
Hyssop	.05	.20	1.25
Lavender	.05	.20	1.00
Lovage	.10	.20	1.50
Majoram, Sweet	.05	.15	.80
Pennyroyal	.10	.60	5.00
Rosemary	.05	.30	2.50
Rue	.05	.20	1.50

	Pkt.	Oz.	Lb.
Saffron	\$0.05	\$0.10	\$0.60
Sage	.05	.20	1.00
Savory, Summer	.05	.10	.50
Savory, Winter	.05	.20	1.25
Sorrel, Broad-leaved	.05	.15	1.00
Fancy	.10	.20	1.75
Thyme, Broad-leaved	.05	.30	2.25
Wormwood	.05	.30	2.25

Bird Seeds.

None of our Special Offers apply on Bird Seeds.



	Lb.	100 Lbs.
Canary, Best Sicily	\$0.10	\$8.00
Hemp	.08	6.00
Rape, German	.08	6.00
" English	.10	6.00
Mixed Bird Seed (per package, 10 cts.)	.10	7.00
Lettuce	.30	15.00
Maw or Poppy	.15	12.00
Rice, Unhulled or Paddy	.12	10.00
Millet, Golden	.08	4.00
" White French	.15	12.00
" Brown Spanish	.06	4.50
" Siberian	.06	4.50
Parrot Food	.10	6.50
" " per case of 25 qts. \$2.00.		
Mocking Bird Food, in bulk	.25	
" " " in bottles	.35	3.50
Song Restorer, in bottles	.25	2.75

	Lb.	100 lbs.	Pkg.	Bush.	Lb.
Sunflower Seed	\$0.08	\$4.00			
Sorghum for Pigeons	.05	1.75			
Gravel for Cages	\$0.10	\$1.50			
Cuttle Fish Bone					\$0.30

Seeds Used for Flavoring, Etc.

(Special Offers do not apply on these seeds.)

	Oz.	Lb.		Oz.	Lb.
Anise	\$0.10	\$0.55	Dill	\$0.10	\$0.20
Cummin	.10	.35	Fennel, Sweet	.10	.30
Coriander	.10	.20	Medicinal Pumpkin		.30
Celery	.10	.30		Lb.	100 lbs.
Caraway	.10	.20	Flax	\$0.10	\$6.00

Old Homestead Popcorn.

Lovers of popcorn will appreciate the Old Homestead brand of White Rice Pop Corn. No shelling, no dirt, no insects, no disappointment. It is one year old before being packed, thus ensuring good popping qualities. We clean this corn by a new process that frees it from dust, dirt, insects and other impurities. All the corn we pack is especially grown for us in New England, is cured in the old fashioned way; consequently is not only clean but is free from mixed and flinty kernels which do not pop. For Corn Balls, Candied Pop Corn and Nuggets the Old Homestead will be found superior.

Per 1-lb. pkg. 10 cents; per case of 24 pkgs. \$1.70 net

White Rice Popcorn on Cob, Shelled.

New England grown, thoroughly cured, and in excellent condition for popping. Per lb. 6 cents; per 100 lbs \$5.00 net.

See Special Offers on third page of cover.



Vegetable Plants and Roots.

All are especially grown for our trade from choicest strains of seed.

We will be glad to quote special prices to Large Buyers.

(Special Offers do not apply to articles on this page.)

ASPARAGUS ROOTS.

	100	1000
<i>Colossal</i> , two year old roots	\$1.00	\$7.00
<i>The Hub</i> , " " " "	1.25	10.00
<i>Palmetto</i> , " " " "	1.00	7.00

CABBAGE PLANTS.

From hot-beds, ready about first week in April.

	Doz.	100]	1000
<i>Early Jersey Wakefield</i>	\$0.20	\$1.00	\$8.00
<i>Henderson's Summer</i> . . . . .	.20	1.00	8.00
<i>Stone Mason</i> . . . . .	.20	1.00	8.00
<i>Fottler's Brunswick</i> . . . . .	.20	1.00	8.00

For Winter Crop, ready July 1st.

<i>Savoy American Improved</i> . . . . .	.50	4.00
<i>Fottler's Brunswick</i> . . . . .	.50	4.00
<i>Stone Mason</i> . . . . .	.50	4.00

CAULIFLOWER.

	Doz.	100	1000
<i>Breck's White Bouquet</i>	\$0.25	\$1.50	\$12.00
<i>Snowball</i> . . . . .	.25	1.50	12.00

CELERY PLANTS.

	Doz.	100	1000
<i>Boston Market</i>	\$0.20	\$1.00	\$7.50
<i>Golden Self-Blanching</i> . . . . .	.20	1.00	7.50
<i>Giant Pascal</i> . . . . .	.20	1.00	7.50
<i>White Plume</i> . . . . .	.20	1.00	7.50

CHIVES.

Used for flavoring soups, etc., each 15 cts.; dozen, \$1.00.

EGG PLANTS.

	Doz.	100
<i>New York Improved</i>	\$1.00	\$6.00
<i>Black Pekin</i>	1.00	6.00

TARRAGON PLANTS.

Each	\$0.30
Per dozen	3.00

HORSE-RADISH SETS.

Per dozen, 25 cts.; per 100, 60 cts.; per 1000	\$5.00
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LETTUCE PLANTS.

	Doz.	100
<i>Boston Market Head</i>	\$0.20	\$0.75
<i>Early Curled Simpson</i>20	.75

PEPPER PLANTS.

<i>Large Bell, or Bull Nose.</i> Per doz., 25 cts.; per 100, \$1.75.	
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RHUBARB ROOTS.

Each	\$0.20
Per dozen	2.00

SWEET POTATO PLANTS.

	100	1000
<i>Nansemond</i>	\$0.75	\$6.00

TOMATO PLANTS.

	Doz.	100
<i>Breck's Belmont</i>	\$0.25	\$2.00
<i>Acme</i> . . . . .	.25	2.00
<i>Paragon</i> . . . . .	.25	2.00
<i>Dwarf Champion</i> . . . . .	.25	2.00
<i>Livingstone's Stone</i> . . . . .	.25	2.00

AGRICULTURAL SEEDS.

Grains.

(Prices Subject to Market Change.)

BARLEY.

	Per Bush.
<i>Two-Rowed</i>	\$1.25
<i>Four-Rowed</i>	1.00
<i>Success Beardless.</i> A six-rowed variety that is practically free from the poisonous beard. It is early, hardy, large grained, strong of straw and productive	1.50

BUCKWHEAT.

<i>Silver Hulled</i>	1.25
<i>Japanese.</i> Enormously productive	1.25

OATS.

<i>Lothian Oats.</i> (Imported Seed.) Natural weight fully 40 lbs. per bush. Whether for straw (hay) or grain these oats will give greater satisfaction than any other variety. It is well known that the usual result of such a change of seed, as sowing these imported oats means, is a crop that both in quality and quantity more than pays for the extra cost of the seed. Pk. 50 cts.; bush. \$1.50; 3 bush. \$4.00	
<i>Lincoln.</i> Best American sort . . . . .	.80
<i>Black Tartarian.</i> Most prolific and distinct variety of black oats, desirable for growing on meadow land	1.50
<i>Gray Winter, or Turf</i>	1.35
<i>Wild Rice</i> (<i>Zizania aquatica</i>). For naturalizing around duck ponds Per lb.	.25

RYE.

To prevent disappointment, we offer only New England grown rye for seed purposes.	
<i>Spring</i> Per bush. \$1.50	
<i>Winter.</i> <i>Mammoth White.</i> This variety is a great favorite in N. Y. State, where it is noted for its productiveness, both in grain and straw, the excellent quality of bread made from the flour, and its ability to yield heavy crops with but little or no manure	1.50

SPRING WHEAT.

<i>Blue Stem. Beardless.</i> White, velvet-like chaff and stem just below the head when green, with a beautiful blue bloom which disappears as the wheat ripens. Free from rust, grains hard and of fine milling quality	2.00
<i>Fyfe.</i> A red, beardless wheat, with long smooth heads well covered with chaff, straw stiff, bright colored. Grain very hard, of a dull reddish color. Very suitable for New England	2.00

WINTER WHEAT.

<i>Dawson's Golden Chaff.</i> One of the hardest wheats we know of, heads bald, color of grain white (inclined to light amber), straw of medium length	2.00
<i>Satisfaction.</i> Heads beardless, white chaff, grain light amber. A strong growing variety with large grains, and broad, well filled heads	2.00

See Special Offers on third page of cover.

MISCELLANEOUS SEEDS. For Forage Crops, Plowing Under, Etc.

OUR SPECIAL OFFERS DO NOT apply on goods under this heading.



The farmers of New England hitherto have not paid sufficient attention to, or given the many new and valuable plants for these purposes anything like a fair trial, but have been satisfied to get along with the old-time fodder corn and Hungarian. We want every Agriculturist to plant, even if only in a small way, one or more of the sorts named in the following list this season. Larger crops of better quality and improved soil conditions will surely result.

Soya Beans. These grow to a height of two and one-half to three feet and have stiff stalks. The beans mature together, so can be cut down and thrashed afterwards. May be fed vines, stalks and all, or stock can be turned into field on them when matured. They are as valuable as a soil improver as clover. When sown broadcast for forage and soil-improving crops, **Soya Beans** should be sown at the rate of one bushel per acre. Sowing them thickly will prevent the stalk from growing too coarse, and enable them to be cut and turned under to better advantage. Sowing for ensilage, it is better

to sow in drills with the corn, at the rate of about eight quarts to the acre. Or they can be sown by themselves, in drills three feet apart, at the rate of two pecks per acre, and cultivated. They will make their largest yield of beans put in this way.

Breck's Soya. A large growing, yellow seeded variety, especially suitable for ensilage and ploughing under. Qt. 20 cts.; pk. \$1.00; bu. \$3.25.

Medium Green Soya. An early sort, that is likely to mature its pods in New England. The seed we offer is Massachusetts grown. Qt. 20 cts.; pk. \$1.00; bu. \$3.75.

Velvet Bean (*Dolichos multiflorus*). Used by the farmers of Florida and other Southern States as a forage plant and also as a fertilizer plant for turning under. Stock readily eat the vines and leaves, and the beans when ground, with or without the pod, are used instead of oats or corn, and sometimes mixed with them. It is planted in rows four feet apart and one foot in the row, two or three beans in a place, as soon as danger from frost is past. This bean has been grown to a considerable extent in Maine and Massachusetts, and is increasing yearly in popularity. We do not believe the beans will ripen in ordinary seasons in Massachusetts, but the crop for forage or turning under will prove valuable. Qt. 20 cts.; pk. \$1.00; bu. \$3.25.

Beggar Weed. Florida or Giant Beggar Weed (*Desmodium tortuosum*). An erect leguminous annual, growing from three to eight feet high, with abundant foliage, valuable for forage or for soil renovation. It is especially recommended for turning under on light, sandy soils. It also makes hay of a fine quality, and should be cut before the stems turn hard or woody, before it begins to bloom. Sow, after the ground is warm and moist, at the rate of 10 lbs. of seed per acre, and cover very lightly. Lb. 60 cts.; 10 lbs. \$5.00.

Broom Corn, Long Brush Evergreen. Sow 12 quarts per acre, after danger from frost is passed. It succeeds best in a good, deep, moderately moist soil. Lb. 15 cts.; 10 lbs. \$1.00.

Broom, Scotch (*Genista scoparia*). The young growth of this shrub is chiefly valuable as food for sheep in winter. It is also used for making coarse brooms. The plants when covered with their bright yellow flowers are very ornamental. 10 cts. oz.; lb. 75 cts.

Corn, Jerusalem. See Sorghum. **Corn, Kaffir.** See Sorghum. **Dhaura.** See Sorghum.

Lupins, Yellow. This succeeds in the poorest soils, and is very valuable for ploughing under to improve sandy soil. It makes good forage, either green or as hay. Sow in spring when the ground has become warm, 90 lbs. to the acre. 20 cts. lb.; 100 lbs. \$10.00.

— **Blue.** Used for ploughing under. 20 cts. lb.; 100 lbs. \$10.00.

Lotus Corniculatus (Bird's-Foot Trefoil). A clover that grows readily on the lightest and most sterile soils. It is very nutritious and is much relished by cattle and sheep. Being a perennial and having unusual ability for withstanding drought, it is recommended to sow in mixtures on dry pastures. Lb. 40. cts.

Millo Maize. See Sorghum.

Millet, Pearl (*Penicillaria spicata*). A valuable and very productive fodder plant; should not be sown until danger from frost is over. This Millet has frequently been sold at very high prices under the names of *Brazilian Millet* and *Pencillaria Zeaoides*. Drill, 18 inches apart, 10 pounds to acre. Lb. 15 cts.; \$10.00 per 100 lbs.

Millet, Japanese Barnyard (*Panicum Crus Galli*). There have been many attempts to make capital out of this by dealers advertising and selling under various names. The seed was originally introduced to this country from Japan by Prof. W. P. Brooks of Amherst. It has proved through a ten years' test to be all, and more, that its introducer claimed for it. As a matter of fact there is nothing that compares with it. Three crops can easily be had from one seeding in a season; nearly 20 tons of green fodder at three cuttings. It is not especially recommended for hay, as its rather rank growth is somewhat difficult to cure properly. Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast at the rate of 25 lbs. per acre, or in drills 18 inches apart, 15 lbs. to the acre. Price per lb. 8 cts.



Giant Beggar Weed.

Barnyard Millet and Peas.

Barnyard Millet (*Panicum Crus Galli*) makes a desirable green feed for the first three weeks of August. It is not in the writer's judgment as satisfactory a feed as corn, but it has its place among the desirable forage crops. The Millet is a

See Special Offers on third page of cover.

Barnyard Millet and Peas—Continued.

warm weather plant similar to corn. It will not stand dry weather as well as the former, is a heavy feeder and will do best upon a warm moist soil. It makes a very rapid growth when the temperature is high. If sown by itself, 14 quarts of seed are sufficient for one acre; when combined with peas eight quarts of millet and one and one-half bushels of peas are the quantities required. The first seeding may be made together with peas May 10 to 15. The peas should first be sown and harrowed in deeply and the millet covered more lightly with an Acme or other harrow. Should the weather prove cool during the latter part of May and early June the peas will grow more rapidly than the millet, but with the advent of a few warm days the latter will rapidly overcome the disadvantage. A second and even a third seeding of millet may be made (without peas) at intervals of 20 and 15 days respectively. The millet and peas will be ready to cut about August 1 and the other two sowings will follow, so that green feed may be secured from this crop during all of August if desired. Cutting should begin even before the millet begins to head and can be continued for 10 or 12 days. When the millet is well headed it becomes tough and animals are likely to refuse a considerable portion of the stems. — *From Bulletin No. 72, Mass. Agricultural College.*

— **Breck's Japanese** (*Panicum miliaceum* var. *Japonica*).

Another Japanese variety, also introduced by Prof. Brooks. This is totally different in habit and appearance from the Barnyard Grass. In growth it resembles our own high-grade Southern-grown Golden Millet, but is more leafy and productive than that favorite sort. It prefers a dryer and warmer soil than the Barnyard and should not be sown until the ground is warm. Broadcast at the rate of one bushel per acre. Pk. 50 cts.; bu. \$1.60.

— **Siberian or Russian.** We have made extensive inquiries regarding this variety and the general reports are that the plant grows larger than Common Millet, with beard and chaff similar to Hungarian; the plant making a ranker growth, produces more leaves than either Common Millet, German Millet, or Hungarian, leaves starting close to the ground and continuing nearly to top of stem; leaves wide and tender, making it preferable to other millets for hay. Yield of hay reported one-third to one-half more per acre, besides hay softer when cured, greener in color and preferred by stock to other hay or millets. It matures about the same time as Common Millet and Hungarian and earlier than German Millet; it is claimed that it will stand drought better than other varieties of millet. It has been a success in sections where season is too short to mature a corn crop. Pk. 50 cts.; bu. \$1.50.



Panicum Crus Galli, Barnyard Millet.

Southern Cow Peas (Vigna Catjang)**Make Poor Land Rich.**

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soil. They should be sown in May or June, at the rate of one and one-half bushels to the acre, and plowed under as soon as they have attained their full growth. While this crop is very largely grown wherever known, with the results attained from it the wonder is that it is not grown ten times as much as at present. There is no surer or cheaper means of improving poor soil than by sowing Cow Peas. In its capacity as a nitrogen gatherer its growth largely enables the farmer to dispense with the use of nitrogen or ammoniated fertilizers. Nitrogen or ammonia in commercial fertilizers is valued at 15 cents per pound. The Cow Pea, to a greater extent than any other leguminous crop, with possibly the exception of the *New Velvet Bean*, has the power to extract nitrogen or ammonia from the atmosphere.

Whippoorwill. One of the earliest. 15 cents qt.; bush., \$2.50.

Southern Yellow Eye. Early and a heavy cropper. 15 cents qt.; bush. \$2.75.

Clay, or Wonderful. Has matured in New England. 15 cents qt.; bush. \$2.50.

Southern Black. Immense cropper. 15 cents qt.; bush. \$2.50.

Southern Black Eye. A favorite variety. 15 cents qt.; bush. \$2.75.

Peas, Canada or White Field. Unsurpassed as a green feed for milch cows. Sow with oats or Barnyard Millet.

Broadcast two bushels peas and two bushels oats per acre or eight quarts Barnyard Millet. Pk. 50 cts.; bush. \$1.65.

— **Green Canada Field.** Used like the above. The dried peas are also used for boiling. Pk. 60 cts.; bush. \$2.00.

— **Black Eye Marrow** (See page 37).

— **White Marrow** (See page 37).

— **Flat Forage** (*Lathyrus sylvestris*). A valuable perennial forage plant, does well on poor, sandy soil, its deeply penetrating roots enabling it to stand severe drought. The forage is relished by all farm stock. Plant the seeds thinly in drills one foot apart. Per oz. 10 cts.; lb. .60.

See Special Offers on third page of cover.

Dwarf Essex Rape.

Farmers of the United States are just begining to find out what England has known for many years, that the Fodder Rape is the most valuable green feeding plant known, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture 36 head two months, and lambs will make a gain of eight to 12 pounds a month. **Pigs and cattle are also very fond of it.** The plant is a rank grower and should have heavy manuring as well as high cultivation. Any corn soil will grow Rape. Sow the seed by the end of June, and the crop can be ready to feed **at a season when it is most needed.** By sowing different pieces several weeks apart a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about four inches from the ground, there would be a second growth that would be useful after that time. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drought. It does well sown with oats. After the oats are cut the Rape grows rapidly. **From half an acre there was cut nine and three-quarters tons of green Rape,** or it yielded at the rate of **19 tons per acre.**

If the soil is rich and clean sow broadcast; if not so clean, sow in drills and cultivate as for corn. Rape **is especially adapted for a catch crop,** succeeding well when for any cause other crops have failed; as it, like turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the fall. In drills sow 10 lbs. per acre; broadcast 15 lbs. per acre. Lb. 10 cts.; 100 lbs. \$6.50.

Spurrey (*Spergula arvensis*). Annual. This plant will grow on land that is too dry and too thin to support clover, and so rapidly that three sowings may be made in one season. The crop may be fed both green and as hay. It is in condition to pasture sheep or cattle on in about six weeks after sowing, and sowings may be made every month from April to August. Sow broadcast 20 pounds per acre. Per lb. 15 cts.; per 100 lbs. \$10.00.

Sunflower, Large Russian. The seeds are a valuable poultry feed, and in a rich loam from 30 to 50 bushels per acre are produced. The leaves, it is claimed, make excellent fodder for cattle. The whole plant, seed heads included, is sometimes cut up and mixed with the corn in the silo. Drill at the rate of 10 lbs. per acre. Lb. 8 cts.; 100 lbs. \$5.00.

Teosinte (*Reana luxurians*). A valuable fodder plant, that in growth resembles Indian corn. It seems to do well in New England, and if cut early when tender is much relished by cattle and will give two or three crops in a season. Oz. 15 cts.; lb. 75 cts.

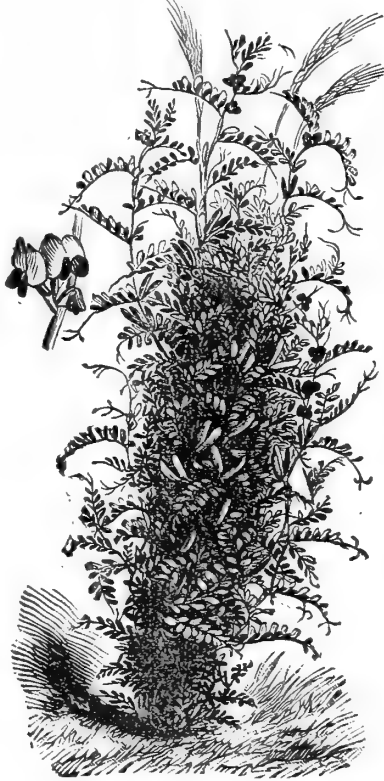
Vetches, Spring Tares (*Vicia sativa*). Sown broadcast at rate of one to one and a half bushels to the acre, like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. A valuable plant. Per qt. 20 cts.; per bush. \$3.25.

Sand or Winter Vetch (*Vicia Villosa*).

Vicia villosa succeeds and produces good crops on poor, sandy soils as well as on good land; grows to a height of four to five feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown in the spring, mixed with oats, spring rye or barley; or during August and September, with winter rye, which serves as a support for the plants. It is the earliest crop for cutting, being hardier and nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it. It is exceedingly nutritious, eaten with relish, and may be fed with safety to all kinds of stock.

Wheat and Winter (Sand) Vetch. This mixture of a non-legume and a legume promises to be a very desirable spring green fodder. It has been planted for two years, and a third planting looked exceedingly well last autumn. The first planting — made in the late summer of 1898 — winter killed, owing in all probability to the fact that the seed was sown too early (August 1). The second year, 1899, the seeding took place August 25, and an excellent yield was secured the following spring. One and one-half bushels of wheat and one bushel of vetch were sown to the acre at one sowing, and covered with a wheel harrow. Cutting was begun May 31 just before the wheat began to head. The vetch began to blossom June 5. The yield was at the rate of 10 tons of green fodder to the acre, and cutting was continued for 12 days. The spring of 1900 was fully 10 days backward, and the rainfall quite deficient. Had the weather been as warm as usual and the precipitation normal, cutting would have begun earlier. If more of the fodder mixture has been produced than can be fed green the balance may be made into hay. The cost of the vetch seed is very high this season (\$5.50 to \$7.00 a bushel), due to the fact that in those sections where the seed is grown the drought was severe last year, and the crop was largely fed green. The usual price is one-third less. The vetch develops an abundance of root nodules, and must fix large quantities of atmospheric nitrogen. It has been found to be very digestible, and animals eat it freely.

Wheat itself when sown in early September at the rate of two bushels to the acre also makes a satisfactory spring green feed and is considered preferable to rye. If, however, it can be grown together with a leguminous crop, the nutritive value of the fodder mixture is decidedly enhanced. Land from which wheat or wheat and vetch have been removed can be immediately sown to corn, corn and beans or Hungarian grass. Per qt. 20 cts.; per bush. \$4.00.

**Vetches.**

I am happy to inform you that the goods received of you have given entire satisfaction both in regard to quality and prices. I may also remark that the orders have been promptly and satisfactorily attended to.

WM. MacCHLERIE,
Oakley Country Club, Watertown, Mass.

Sorghum.

Twenty-five pounds per acre is sown in drills. For dry fodder, broadcast 100 lbs. per acre.

Early Amber Sugar-Cane. Ripens where Indian corn matures. Per lb. 12 cents; per 100 lbs. \$7.00.

Early Orange Sugar-Cane. Ripens about 10 days after Early Amber. Per lb. 12 cents; per 100 lbs. \$7.00.

Brown Dhoura Corn. Per lb. 12 cents; per 100 lbs. \$7.00.

Yellow Branching. (Yellow Millo Maize.) It is non-saccharine; used only for the large amount of foliage, green feed, or cured fodder that it furnishes, and for its grain. Per lb. 12 cents; per 100 lbs. \$7.00.

White Branching. (White Millo Maize.) The merit of this non-saccharine sorghum is, that when cut for feeding it starts again from the remaining stumps with renewed strength and vigor; thrives in the hottest and driest localities. Per lb. 12 cents; per 100 lbs. \$7.00.

Red Kaffir Corn, or Sorghum. Non-saccharine. The plant is low, stocky, perfectly erect. The whole stalks, as well as the blades, cure into excellent fodder, and in all stages of its growth is available for green feed. Per lb. 12 cents; per 100 lbs. \$7.00.

White Kaffir Corn. Per lb. 12 cents; per 100 lbs. \$7.00.

White African Sorghum, African Millet, or White Dhoura. Per lb. 12 cents; per 100 lbs. \$7.00.

Jerusalem Corn. One of the best and surest for dry countries and seasons. Grows about three feet high, with one large head on main stalk and several smaller heads on side shoots. The grains are white and nearly flat. Per lb. 12 cents; per 100 lbs. \$7.00.

Grasses.

Special attention is called to the fact that by advantageous arrangements with the parties who grow the different seeds for us, we are enabled to make a large reduction in the prices of Permanent Pasture and other Grass Mixtures, without impairing the very high standard of purity and germination that we have always maintained.

"And he gave it for his opinion that whoever would make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before would deserve better of mankind, and do more essential service to his country, than the whole race of politicians put together."—SWIFT.

We desire to call special attention to the following list of AGRICULTURAL GRASSES, which will, we think, be found very comprehensive, both as to varieties and descriptions. We are devoting a great deal of time to this most important subject, and the department has already become an extensive one with us.

Having learned by experience that the so-called imported grasses which are offered by those making a specialty of them in this country are very far from reliable, both as regards purity and quality, we have found it necessary to import all our seeds of this character direct. We have accordingly made arrangements for our stocks with one of the most prominent growers of Agricultural Grasses on the Continent, who, by virtue of many years' experience in growing seeds of this peculiar character, has become the recognized headquarters for same. This will enable us to furnish our customers with the *very best*, and that which we know to be free from all adulteration.



Timothy.

Prices of Agricultural Grasses and Clovers.

Subject to Market Changes.

Special Quotations on Application.

Net			Net		
KIND.	Price per lb.	Price per bush	KIND.	Price per lb.	Price per bush
R. I. Bent, <i>Agrostis canina</i>	\$0.25	\$2.25	Wood Meadow, <i>Poa nemoralis</i>	\$0.45	\$6.25
Red Top Chaff Seed, <i>Agrostis vulgaris</i> . . . . .	.10	.80	Blue Grass (fancy), <i>Poa pratensis</i> . . . . .	.15	2.00
Red Top Fancy Clean . . . . .	.10	3.85	Fowl Meadow, <i>Poa serotina</i> . . . . .	.25	2.25
Meadow Foxtail, <i>Alopecurus pratensis</i> . . . . .	.30	2.30	Rough Stalked Meadow, <i>Poa trivialis</i> . . . . .	.45	6.20
Sweet Vernal [true], <i>Anthoxanthum odoratum</i> . . . . .	.75	7.25	Tall Meadow Oat, <i>Arrhenatherum avenaceum</i> . . . . .	.30	4.50
Yellow Oat Grass, <i>Avena flavescens</i> . . . . .	.60	5.25	Hungarian Millet Grass, <i>Setaria germanica</i>	3½	1.50
Crested Dogstail, <i>Cynosurus cristatus</i> . . . . .	.40	10.00	Common Millet, <i>Panicum miliaceum</i>	3½	1.50
Orchard Grass, <i>Dactylis glomerata</i> . . . . .	.18	2.50	Golden Millet, <i>Panicum miliaceum</i> var.	3½	1.50
Hard Fescue, <i>Festuca duriuscula</i> . . . . .	.12	1.60	Japanese Millet, <i>Panicum crus Galli</i> . . . . .	.08	2.50
Tall Fescue, <i>Festuca elatior</i> . . . . .	.35	5.00	Breck's Japanese Millet, <i>Panicum miliaceum</i>		
Sheep's Fescue, <i>Festuca ovina</i> . . . . .	.12	1.40	var. <i>Japonica</i> . . . . .	.04	1.60
Red Fescue, <i>Festuca rubra</i> . . . . .	.16	2.00	Siberian Millet	3½	1.50
Meadow Fescue, <i>Festuca pratensis</i> . . . . .	.16	2.25	Yellow Trefoil, <i>Medicago lupulina</i> . . . . .	.15	
Italian Rye Grass, <i>Lolium Italicum</i> . . . . .	.10	1.80	Bird's Foot Trefoil, <i>Lotus corniculatus</i> . . . . .	.40	
Perennial Rye Grass, <i>Lolium perenne</i> . . . . .	.09	2.00	Red Clover, <i>Trifolium pratense</i> . . . . .	.14	
Awnless, or Smooth Brome Grass, <i>Bromus inermis</i> . . . . .	.14	2.60	Mammoth Red Clover, <i>Trifolium pratense</i> var. . . . .	.14	
Meadow Brome Grass, <i>Bromus pratensis</i> . . . . .	.16	2.80	White Clover, <i>Trifolium repens</i> . . . . .	.30	
Various-Leaved Fescue, <i>Festuca heterophylla</i> . . . . .	.25		Alsike Clover, <i>Trifolium hybridum</i> . . . . .	.18	
Timothy, <i>Phleum pratense</i>	5¼	2.40	Lucerne, or Alfafa, <i>Medicago sativa</i> . . . . .	.14	
			Crimson Clover, <i>Trifolium incarnatum</i> . . . . .	.12	

For Prices of Special Mixtures see page 54.

Grasses—*Continued.*

It seems almost unaccountable that at this day, when the different branches of practical agriculture are seemingly so thoroughly understood, that our American farmers should apparently ignore the importance of sowing upon their fields only those kinds of grasses which are *adapted* to the *soil* and *climate*, and which will produce in the shortest length of time a luxuriant crop of the desired character. The list of grasses now in use by most of our farmers can be counted on the fingers of one hand, which showing is indeed a small one, when we take into consideration the many species, valuable because of their respective merits, which should be in constant demand for the various soils and climates of America.

We invite special attention to our "Mixtures" for Permanent Pastures and Mowing Lands, which follow our descriptions. We have endeavored to bring into prominence a few important facts under the head of *Mixtures*, which, we think, cannot fail to be of interest to any one who is concerned in the laying down of profitable pastures, or who desires to obtain large crops of hay of choice quality from his fields.

Awnless, or Smooth Brome Grass (*Bromus inermis*). An erect growing perennial that attains a height of from three to five feet.

It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Its remarkable drought-resisting qualities make it very valuable for dry situations, while its extreme hardiness enables it to withstand our coldest winters without serious injury. The rootstocks of this variety spread rapidly under ground, sending up new shoots, and thus form a close, dense sod. On this account it should not be sown except where a permanent grass crop is desired. (Per bushel 20 lbs.)

Meadow Brome Grass (*Bromus pratensis*). A hardy perennial useful in mixtures for both mowing and pasture. It should not be sown alone except in poor soil or dry hillsides. It withstands extreme cold and drought, and if cut before flowering it makes a good hay. (Per bushel 18 lbs.)

Timothy (Herd's Grass or Catstail) (*Phleum Pratense*). Root fibrous on moist soils; on dry soils often bulbous; perennial; flowers in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is, without doubt, a most valuable grass for hay, especially in the North. It thrives best on moist, loamy soils of medium tenacity. Grows very readily and yields large crops on favorable soils. Should be cut just when the blossom falls. The hay is of best quality, yielding, under favorable circumstances, three or four tons per acre. (Per bushel, 45 lbs.)

Orchard Grass (*Dactylis glomerata*). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, where the subsoil is favorable, it withstands droughts better than most species on dry sandy soils. It is very valuable to be used in a mixture with Timothy and Clover, and produces splendid crops of hay. This grass is sometimes condemned because of its coarse growth, which is only apparent when in a neglected condition, but with proper management no grass is more valuable. When pastured Orchard Grass should never be allowed to become coarse, but should be kept closely cropped. In this condition it is highly nutritive, and relished very much by all kinds of stock. (Per bushel, 14 lbs.)



Kentucky Blue Grass.

Kentucky Blue Grass (Meadow Grass, June Grass, Spear Grass), (*Poa pratensis*). Root creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, and is claimed by some to be the most valuable of all the grasses in our pastures. On the other hand, some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North, while in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. Kentucky Blue Grass requires about two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, hence it is not suited for alternate husbandry, or where the land is to remain in grass two or three years, and be then plowed up. (Per bushel, 14 lbs.)

Red Top (Herd's Grass), (*Agrostis Vulgaris*). Root creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the Clover soon disappears, followed by Timothy, after which the Red Top usually takes its place, and with some wild indigenous grass forms a close sward. When sown alone three bushels per acre are required, or 15 lbs. of the clean seed. (Per bushel, 10 lbs.)

Fancy or clean seed per bushel, about 40 lbs.



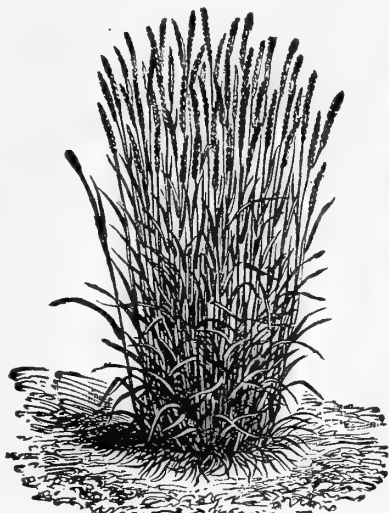
Orchard Grass.

See Special Offers on third page of cover.

Italian Rye (*Lolium Italicum*). This is one of the most valuable grasses brought into notice during the present century. In nutritive value, earliness and quickness of growth after it has been mown, it by far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry; but as it does not last over two years it



Meadow Fescue.



Crested Dog's-Tail.

is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile, and tenacious, or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant and nutritive crops. (Per bushel, 18 lbs.)

Fowl Meadow (False Red Top, Duck Grass, Swamp Wire Grass), (*Poa serotina*). Root slightly creeping; flowers in July and August. This perennial native grass is found on lowlands in many places, though it seldom takes full possession of the soil unless seed is sown. It has been largely introduced into New England, and is particularly adapted to moist, rich soils, such as the borders of rivers, ponds, etc., owing to the fact that an occasional overflow will not injure its growth. It may be mown at any time from June to October, as it never becomes so coarse and hard but the stalk is sweet and tender and eaten without waste. It

makes an excellent grass for oxen, cows, and sheep, but is thought too fine for horses. It is easily made into hay which is of a nutritive character. (Per bushel, 10 lbs.)

Meadow Foxtail (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on a rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. It endures the cropping of cattle and sheep probably better than any other variety of grass, making it, as stated above, well-nigh indispensable in all first-class permanent pastures. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. (Per bushel, 8 lbs.)

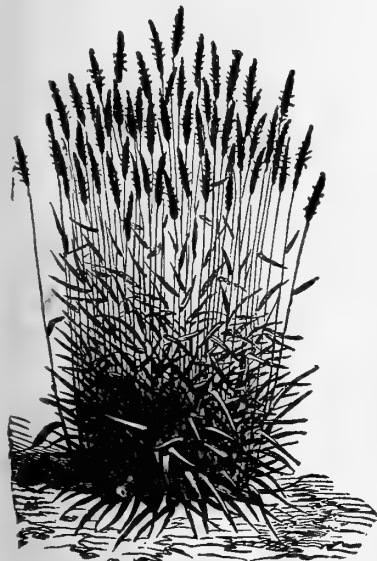
Crested Dog's-Tail (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns. (Per bushel, 28 lbs.)

Meadow Fescue, or English Blue Grass (*Festuca pratensis*). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always sown mixed with other grasses. (Per bushel, 15 lbs.)

Sheep's Fescue (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry, sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Its compact and fine growth make it suitable for lawn mixtures. (Per bushel, 12 lbs.)

Tall Fescue (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers in June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion

of every mixture for permanent purposes on moist soils. (Per bushel, 15 lbs.)



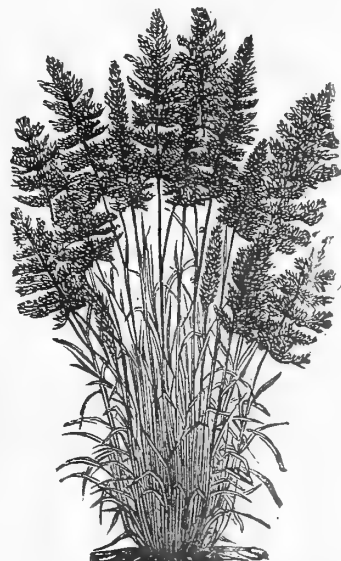
Sweet Vernal.



Italian Rye Grass.

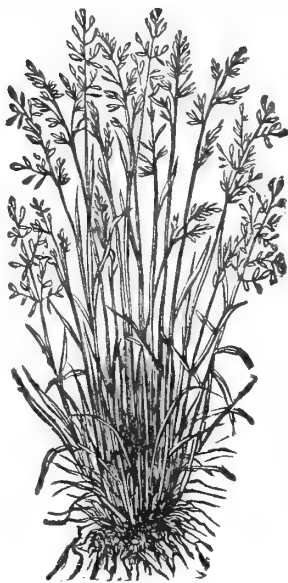


Meadow Foxtail.



Hard Fescue.

See Special Offers on third page of cover.



Red Top.



Perennial Rye Grass.

a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. (Per bushel, 24 lbs.)

Hard Fescue (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is regarded by some as a variety of the Red Fescue, though taller, and the panicle more open. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists the summer drought, and develops remarkable verdure during winter. It should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture and alternate husbandry. (Per bushel, 14 lbs.)

Red or Creeping Fescue (*Festuca rubra*). This grass is found growing on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. (Per bushel, 13 lbs.)

Sweet Vernal (*Anthoxanthum odoratum*). Root fibrous; perennial flowers in May. This grass is valuable on account of its early growth and its hardy and permanent nature, which, added to the fact that it throws up its flower stalks till the end of autumn, upholds its claim to a place in all compositions where permanency is an object. It is very fragrant, and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. As a component of "lawn mixtures" it is most valuable, and is largely used for this purpose. The seeds of this grass are scarce and most difficult to be had true. An inferior variety of *Anthoxanthum* being sometimes offered at a low price by unscrupulous dealers, care ought to be exercised in buying. Our seed is guaranteed to be the true Perennial Sweet Vernal. (Per bushel, 11 lbs.)

Yellow Oat Grass (*Avena flavescens*). This grass deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and bowling greens. It thrives best on light, dry soils, and is particularly adapted to exposed and elevated situations, where it is found growing naturally. Cattle eat it readily, and it is much relished by sheep. The seed of this grass, like that of the Sweet Vernal, is scarce and most difficult to be had true. The seed we offer is guaranteed to be the true Yellow Oat Grass. (Per bushel, 11 lbs.)

Tall Meadow Oat Grass (*Arrhenatherum avenaceum*). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep sandy lands, and is suitable for sowing in orchards or other shady places. (Per bushel, 15 lbs.)

Wood Meadow Grass (*Poa nemoralis*). This grass, as its name implies, is found naturally in woods and is well adapted for growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Root fibrous, flowers in June and July. (Per bushel, 14 lbs.)

Various Leaved Fescue (*Festuca heterophylla*). A very early hardy perennial, two to three feet high, thriving best in cool, moist soils. It yields heavily and is a valuable grass in mixtures for permanent meadows, either for mowing or grazing. Its great production of root leaves makes it an excellent bottom grass. It grows well in the shade and is suitable to form part of a mixture for shaded lawns. (Per bushel, — lbs.)



Red Clover.



White Clover.

Rhode Island Bent (*Agrostis canina*). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used in New England for pastures and for lawns. For the latter purpose it is often sown by itself, and if cheapness is an object perhaps it is as good as could be sown, but we recommend the lawn mixture wherever practicable. Soil and treatment same as for Red Top (*A. vulgaris*). (Per bushel, 10 lbs.)

Fancy or clean seed, per bushel, 40 lbs.

Rough Stalked Meadow Grass (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness, and nutritive qualities. Grows in perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the spring, and continues green until late in the fall. As it delights in shelter, its produce is always much greater when sown with other grasses. Cattle, sheep, and horses show a great partiality for it, and the pasture is generally eaten barest where this grass predominates. Does not thrive well on dry soils. (Per bushel, 14 lbs.)

Perennial Rye (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces



Sheep's Fescue.

See Special Offers on third page of cover.

Millets.

Hungarian Grass (*Panicum Germanicum*). This is a species of millet, growing less rank, with smaller stalks; often yielding two or three tons of hay per acre. It is very popular and valuable. Like the common millet, it is an annual, and requires to be sown every season, but will produce a larger return than almost any other crop. (Per bushel, 48 lbs.)

Japanese Millet, Japanese Barnyard Grass (*Panicum Crus Galli*). Distinct from other varieties, enormous cropper, grows six to eight feet high, excellent either green or cured as hay. It prefers a moderately moist soil and may be sown in an average season from the middle of May until the first of July. Broadcast, at the rate of 25 lbs. per acre, or in drills 18 inches apart, 15 lbs. to the acre. (Per bushel, about 35 lbs.)

Breck's Japanese Millet (*Panicum Miliaceum* var. *Japonica*). In growth and appearance somewhat like the best Southern grown Golden Millet, but of superior quality and immensely more productive. Everything considered, we believe it is the best millet yet introduced. (Per bushel, 50 lbs.)

Common Millet (*Panicum Miliaceum*). Requires a dry, light, rich soil, and grows two and a half to four feet high, with a fine bulk of stalks and leaves, and is excellent for forage. For hay, sow broadcast one bushel per acre from May first to August first. For grain, sow in drills, half-bushel to the acre, not later than June 20th. (Per bushel, 50 lbs.)

German or Golden Millet (*Panicum Miliaceum* var.). An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. (Per bushel 50 lbs.)

During the past few years, the fact has been established beyond doubt that seed of the German or Golden Millet grown in Southern latitudes will produce a much larger yield of hay than from seed grown in Northern or Western sections of the country, and for that reason is far better for farmers to sow.

Siberian or Russian Millet. A recent introduction and especially recommended for growing in New England. It is quite as leafy and a heavier cropper than Hungarian. (Per bushel, 50 lbs.)

Clovers.

There are no plants so valuable for fertilizers as the Clovers. They have the faculty of absorbing nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

Medium Red (*Trifolium pratense*). This is the common Red Clover in general cultivation, and too well known to need a general description. It is by far the most important of all varieties for the practical purposes of agriculture. When sown alone produces hay of splendid quality, and with Timothy or other grasses forms a desirable pasture. (Per bushel, 60 lbs.)

Mammoth or Pea Vine (*Trifolium pratense* var.). Grows five or six feet high; its stalks are so coarse and large that stock will eat only the leaves, but by its judicious use can be reclaimed, as it will grow fail. (Per bushel, 60 lbs.)

Alsike or Swedish (*Trifolium hybridum*). This is the most hardy of clovers, and is suits cold and extreme drought yields an enormous amount of quality. Can be cut several times in a season. It is well suited to low lands liable to wash, over a large area and hold the rains. The heads are globular, much liked by bees, who obtain them. (Per bushel, 60 lbs.)

Lucerne or Alfalfa (*Medicago sativa*). Where this variety succeeds well it is probably the most valuable of all particularly adapted to the East-flourishes in all Western and mellow soil to get it firmly established, but when once thoroughly fixed will produce a profitable crop for a number of years. of green fodder, and should be sown. Although a prodigious soil, but on the contrary improves adapted, four to five crops can be obtained in one season. (Per bushel, 60 lbs.)

White Clover (*Trifolium repens*). The value of this known, and it is to be found in nearly every natural pasture. It is a deep-rooted plant, it withstands drought on dry, sandy sections. It should form a part of all mixtures for permanent pastures, and is also valuable for alternate husbandry, when these crops are sown down for more than one year. (Per bushel, 60 lbs.)

Crimson Clover (*Trifolium incarnatum*). Is also known as Scarlet Clover and Carnation Clover. It is of rapid growth, and of great value where only one crop is desired, sown either alone or with Italian rye grass. It is an immense yielder, and can be fed green or made into hay. It may be sown in the fall for an early summer crop, or in the spring for cutting in July. (Per bushel, 60 lbs.)

Yellow Trefoil (*Medicago lupulina*). An annual or biennial suitable for pasture in wet meadows, or for stiff, clayey soils which are too poor for Red Clover. (Per bushel, 60 lbs.)

Bird's-Foot Trefoil (*Lotus corniculatus*). Perennial; used in dry pastures. Cattle and sheep eat it readily and it is said to be quite nutritious. It does well on very light and dry soils, and is recommended for sowing in mixtures for dry pastures. (Per bushel, 60 lbs.)



Alsike Clover.

icago sativa). Where this variety of the most valuable of all particularly adapted to the East-flourishes in all Western and mellow soil to get it firmly established, but when once thoroughly fixed will produce a profitable crop for a number of years. of green fodder, and should be sown. Although a prodigious soil, but on the contrary improves adapted, four to five crops can be obtained in one season. (Per bushel, 60 lbs.)

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Mixtures for Permanent Pastures.

"One thing is certain: that good pasture land is the foundation of the riches of a farm."—SINCLAIR.

The oft-repeated complaints of wornout and exhausted pastures, made to us by some of our best New England farmers, have long impressed us with the fact that there must be something radically wrong with the manner in which our pastures are formed and cared for. Some remedy for this state of matters is imperatively necessary, and it seems to us that one most important line of improvement would be the sowing of a larger number of species of grasses in the laying out of these pastures.

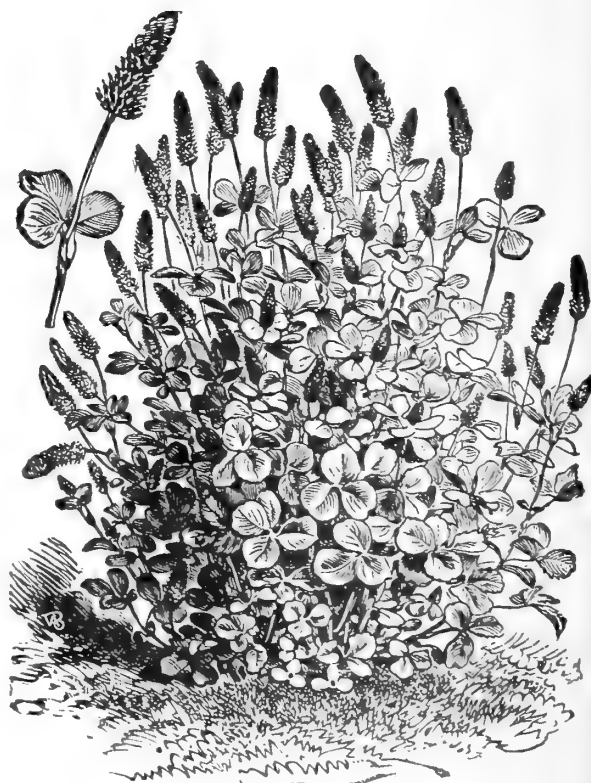
As we have already expressed as our opinion, farmers, as a rule, in preparing their mixtures of grasses to be used in the laying down of permanent pastures, confine themselves to too few varieties, thus failing to arrive at the most profitable results. The chief properties which give value to a grass are nutritive powers, produce, early growth, and reproductiveness (that is, the property of growing rapidly after being cropped). If one species of grass could be discovered that possessed all these qualities in a superior degree to every other, there would be no necessity beyond that of botanical science for us to acquire the knowledge which enables us to distinguish the different species of grasses, the soils and subsoils best adapted to their growth, natural habits, and comparative value; but the results of all experiments have proven that a combination of all the merits and properties which give value to a grass is not to be found in any single species, or in fact in any two or three. In sowing a mixture or a number of different varieties we are but following nature, who can be always depended upon as the best teacher. This can be easily demonstrated by the careful examination of any old, rich, permanent pasture, on which will invariably be found fifteen or twenty species of grass or forage plants growing in great profusion. Where, however, it is left to nature to supply the necessary plants to make a rich and succulent pasturage, a great deal of valuable time is, of necessity, lost, or *seven or eight years* will elapse before the field will *naturally* assume the character of a rich and profitable pasture, while by *artificial* means the same result can be brought about in *one-fourth the time*.

In compiling any table of grasses and clovers to be used for permanent pasture purposes there are several important features to be taken into consideration. First, the proportion of plants which would be produced from the amount of each kind of seed sown should be determined, so that the undue predominance of any particular variety may be avoided. We have given this point special consideration in preparing our mixtures. A selection of grasses should be made that blossom at alternate months of the year, as it is a well-known fact that there is no month from April to September inclusive, in which some of the valuable grasses do not attain their full perfection.

By using a mixture comprising these species, it will be at once apparent that a rich and luxuriant growth will be secured throughout the entire season, which result cannot possibly be obtained if the stereotyped mixture usually recommended composes the sward. It would be almost impossible for us to give a series of tables which would comprehend all the variations of soils, altitudes and climates. We think, however, that those we have compiled will be found sufficiently comprehensive to meet all the contingencies that arise in ordinary farming.

These mixtures, which we recommend only after careful study and consultation with the best authorities, are of little or no value unless the seeds composing them are absolutely pure and true to name. We, therefore, especially request those who desire to obtain the best results from their mixtures for alternate husbandry, mowing lands, and permanent pastures, to *avoid* the probability of *disappointment* which would naturally attend the placing of orders with parties who *have never given any degree of attention to this most important subject*, and buy from us direct (or authorized agents), *who are the first in this country to make a specialty of this branch of the seed business*. We doubt if a full stock of all the grasses which form the components of our mixture could be found anywhere in the United States outside of our own establishment, and *know* they cannot be obtained in the same quantities and of equal quality.

In conclusion, we would say, that although pastures be formed in the best manner as recommended by us, with a combination of MANY different species of grasses, yet a judicious mode of treatment afterwards is as necessary to continue their value. By proper stocking and top-dressing, very indifferent pastures may be brought to a state of great fertility; but, on the contrary, the richest pastures by neglect of proper stocking, top-dressing, or by the too frequent repetition of hay crops, will become so unprofitable as to require many years to bring them again to their original value. This fact every practical farmer is well aware of, and after the proper mode of sowing and stocking has been determined on, a suitable top-dressing should be found. Under the head of Fertilizers, in another part of this Catalogue, will be found a reliable top-dressing, which we can strongly recommend as being specially adapted for pastures of this character.



Crimson Clover.

See Special Offers on third page of cover.

BRECK'S SPECIAL MIXTURES FOR PERMANENT PASTURES.

Table showing the proper quantities to Sow on an Acre of Light, Medium or Heavy Soils, for Permanent Pasture.

KIND.		No. 1. Light Soils.	No. 2. Medium Soils.	No. 3. Heavy Soils.	No. 4. For Orchards and shady places.
Timothy	<i>Phleum pratense</i>	2 lbs.	3 lbs.	4 lbs.	3 lbs.
Red Top	<i>Agrostis vulgaris</i>	4 "	4 "	6 "	3 "
Orchard Grass	<i>Dactylis glomerata</i>	8 "	6 "	4 "	6 "
Meadow Fescue	<i>Festuca pratensis</i>	2 "	2 "	1½ "	—
Hard Fescue	<i>Festuca duriuscula</i>	—	1 "	2 "	2 "
Tall Fescue	<i>Festuca elatior</i>	2 "	2 "	4 "	1 "
Blue Grass	<i>Poa pratensis</i>	4 "	4 "	2 "	5 "
Rough Stalked Meadow	<i>Poa trivialis</i>	—	2 "	4 "	6 "
Perennial Rye Grass	<i>Lolium perenne</i>	2 "	3 "	3 "	—
Meadow Foxtail	<i>Alopecurus pratensis</i>	1 "	2 "	2 "	2 "
Crested Dogstail	<i>Cynosurus cristatus</i>	2 "	1 "	1 "	4 "
Wood Meadow	<i>Poa nemoralis</i>	1 "	1 "	—	—
Yellow Oat Grass	<i>Avena flavescens</i>	2 "	1 "	—	—
Sweet Vernal	<i>Anthoxanthum odoratum</i>	2 "	1 "	—	—
White Clover	<i>Trifolium repens</i>	4 "	4 "	4 "	5 "
Alsike Clover	" <i>hybridum</i>	1 "	1 "	½ "	—
Perennial Red Clover	" <i>pratense perenne</i>	2 "	3 "	3 "	3 "
		39 lbs.	41 lbs.	41 lbs.	40 lbs.

ALTERNATE HUSBANDRY.**Mixtures for Mowing and Grazing Lands.**

As the pioneers of grass mixtures in this country, we naturally have great pleasure in learning from day to day and season to season that our remarks under the heading "Mixtures for Permanent Pastures" are fast becoming universally admitted facts; and we predict with confidence that the time is not far distant when the practice of sowing only one or two varieties of grass seeds with the hope of obtaining the best results from it will pass, and the better and more profitable one of following nature's plan be adopted.

Many of our statements regarding Permanent Pasture Mixtures are equally pertinent when applied to Alternate Husbandry. It does not require much thought to convince any practical agriculturist that there is no basis to a system that employs the same quantity and kinds of grass seeds on all occasions, without regard to soil, duration of lay, or the condition in which the crop is to be used. All mixtures for Alternate Husbandry should include, say for one or two years' lay, only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lay more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds, when, if a proper selection of those species capable of lasting the whole of the desired period were sown, the lay would remain full of plants, free from weeds, and, consequently, much more profitable during the whole time the land is in grass.

The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; it has, however, from the fact that all natural reseedling is prevented, a tendency to weaken the plants and reduce their number; hence, when we see an old field of grass that was originally sown with Timothy, Redtop and Clover, and which has been mowed, perhaps, twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixture practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary orthodox seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equaled first crops of Timothy.

In making up the following tables the utmost care has been exercised, and we have no hesitation in recommending them to our patrons.



Lucerne Clover.

See Special Offers on third page of cover.

BRECK'S SPECIAL MIXTURES FOR MOWING AND GRAZING LANDS.

	1 or 2 Years' Mowing.			2 or 3 Years' Mowing or Grazing.			4 Years' Mowing or Grazing.			Permanent Mowing with occasional Grazing.		
	No. 5 Light Soils.	No. 6 Medium Soils.	No. 7 Heavy Soils.	No. 8 Light Soils.	No. 9 Medium Soils.	No. 10 Heavy Soils.	No. 11 Light Soils.	No. 12 Medium Soils.	No. 13 Heavy Soils.	No. 14 Light Soils.	No. 15 Medium Soils.	No. 16 Heavy Soils.
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
Italian Rye Grass	6	6	6	4	4	4	3	3	3	3	3	3
Perennial Rye Grass	4	4	5	5	5	6	5	6	7	6	6	7
Orchard Grass	4	3	3	6	5	5	8	6	6	9	7	7
Meadow Foxtail	—	—	—	1	2	2	2	3	3	2	3	3
Hard Fescue	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass	—	—	—	—	—	—	—	—	—	2	3	3
Red Top	2	2	3	2	2	3	3	4	4	3	3	3
Wood Meadow	—	—	—	—	—	—	—	—	—	1	1	1
Rough-stalked Meadow	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue	1½	1½	2	1½	2	2	2	3	4	2	4	4
Sweet vernal	½	½	½	½	½	½	1	1	1	1	1	1
Timothy	7	9	9	7	9	9	3	4	4	2	3	3
Red Clover	7	8	8	4	5	5	—	—	—	—	—	—
Perennial Red Clover	—	—	—	—	—	—	4	5	5	2	2	3
Alsike Clover	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45

NOTE.

It will be noticed that the different tables are all based on the quantity required to sow one acre, so in ordering, our patrons will please state the number of acres for which the seed is desired. We shall, unless we are especially instructed to the contrary, put up each variety of seed in separate packages, packing the entire quantity necessary for one acre in a case. We recommend our friends to always buy their mixtures put up as above, and to refuse to receive them in any other shape. The advantage of buying the seed before it is mixed is very apparent, as it insures the purchaser obtaining the exact varieties and quantities which should compose the mixture he has ordered. This protection cannot be enjoyed where the seed is mixed before it is sent out.

PRICES FOR JOSEPH BRECK & SONS' SPECIAL MIXTURES FOR PERMANENT PASTURES AND MOWING AND GRAZING LANDS.

When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

PERMANENT PASTURES.

For Light Soils.	For Medium Soils.	For Heavy Soils.	For Shady Places.
No. 1. Price Per Acre. \$9.50	No. 2. Price per Acre. \$9.00	No. 3. Price per Acre. \$8.50	No. 4. Price Per Acre. \$9.50

ALTERNATE HUSBANDRY.

For 1 or 2 Years' Mowing.			For 2 or 3 Years' Mowing or Grazing.			For 3 or 4 Years' Mowing or Grazing.			Permanent Mowing with Occasional Grazing.		
No. 5. Light Soils.	No. 6. Medium Soils.	No. 7. Heavy Soils.	No. 8. Light Soils.	No. 9. Medium Soils.	No. 10. Heavy Soils.	No. 11. Light Soils.	No. 12. Medium Soils.	No. 13. Heavy Soils.	No. 14. Light Soils.	No. 15. Medium Soils.	No. 16. Heavy Soils.
Price per Acre. \$4.00	Price per Acre. \$4.00	Price per Acre. \$4.40	Price per Acre. \$5.00	Price per Acre. \$5.25	Price per Acre. \$5.40	Price per Acre. \$6.50	Price per Acre. \$7.00	Price per Acre. \$7.75	Price per Acre. \$7.25	Price per Acre. \$7.90	Price per Acre. \$8.00

Special prices for quantities for ten acres and upwards.

While it is true that the mixtures which we have recommended are SEEMINGLY much more expensive than what is commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder, while the ORDINARY sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as what would be paid originally for the proper mixture.

CAUTION.—Appreciating the fact that unscrupulous parties will probably offer mixtures for permanent pastures, mowing lands, and alternate husbandry, purporting to be the same as ours, we shall, as a matter of protection to both our patrons and ourselves, stencil or print on each case, and also on package containing each variety of seed, our name and address, and request our patrons before purchasing from any other source than ourselves direct, that they examine the case containing same, and if not stenciled as described they may know that it is NOT our mixture, and therefore not in any way entitled to our endorsement.

For prices on general list of Grass Seeds, see page 47.

BRECK'S STANDARD LAWN GRASS.



By the courtesy of Mrs. M. B. Sprague, Faulkner Farm, Brookline, Mass., we reproduce here a view from the Terrace on her beautiful estate. The fine lawn shown is the product of Breck's Standard Lawn Grass Seed. The photograph was taken about three months from the time the seed was sown. Mr. David Weir, the Superintendent on the estate, says he has used only Breck's Standard Lawn Grass Seed for several years, because it produces a finer turf and is more free from weed seeds than any other he has ever sown.

We have given much thought and made many experiments in order to ascertain just what is the best mixture for permanent lawns, and the grasses which are best suited to this climate. By the proper blending of the varieties which constitute Breck's Lawn Grass, we have obtained a mixture that from early spring to late fall will give to lawns made with it that rich, deep green so often admired upon the lawns and parks of England, but so seldom seen in this country. One quart will sow 300 square feet. Price, per qt., \$0.25. One peck will sow 2,400 sq. feet. Price, per pk., \$1.25.

" half pk. will sow 1,200 " " " 1/2 pk., .75. " bushel will sow 10,000 " " bush., 4.00.
Four bushels will sow one acre.

Boston Park Lawn Grass.

The same mixture of grasses and clover as supplied by us to the City of Boston Park Commissioners for sowing on the Franklin and other parks administered by them. Per lb. 30 cents—will sow 680 sq. feet. 16 lbs. \$4.00—will sow one-quarter acre. 64 lbs. \$15.00—will sow one acre.

When desired we make special mixtures of grasses to suit different soils and conditions.

Breck's "Shady Spot" Lawn Grass.

This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance. If sown on such locations, in place of the ordinary Lawn Seed, bare and unsightly spots will be prevented. Per qt. 25 cts.; pk. \$1.25; bush. \$4.00.

Breck's Bank and Terrace Grass Mixture.

A mixture of deep-rooting grasses specially prepared for embankments and situations where it is impractical to get a successful catch of the less spreading rooted sorts. It produces a rich velvety turf throughout the season. No coarse-growing undesirable varieties are used in this mixture. Per qt. 25 cts.; pk. \$1.25; bush. \$4.00.

The Grass Seed which I purchased from you last spring, and have used the past season on our putting greens, gave entire satisfaction. I found it brought forth a rich, strongly rooted growth of grass, free from weeds, etc. I shall certainly use no other in future.

E. F. YOUNG,

Manager Merry Mount Golf Club, Norfolk Downs, Mass.

See Special Offers on third page of cover.

GOLF GRASSES.**THE COUNTRY CLUB, Brookline, Massachusetts.**

Messrs. Joseph Breck & Sons (Corp.), 47 to 54 North Market St., Boston, Mass.

Dear Sirs:—I have used your seeds, grass seed especially, for the last four years and it gives me great pleasure to say that I have wondered that I was able to get such excellent results, and I think it speaks wonders almost for your concern that you are able to supply your customers with seeds of such excellent quality. I have never had occasion to doubt that the seed was always just what I bought and I have marvelled time and time again to notice that such a large percentage should germinate and grow strongly.

Sincerely, G. H. KELTON, Supt.

In order that we might be the better able to serve our friends in making selection of grasses that will give best results on Golf Courses and Putting Greens under the many varied conditions of soil, etc., that exist, our Mr. Archibald Smith last summer visited Prestwick, Bogside, St. Andrews, and other principal Golf Links in Scotland, and carefully ascertained particulars as to the kinds of grasses used for the different situations and purposes. The soil and effect of climate on these grasses, as compared with those prevailing in New England, have had due consideration, and we now offer, under the name of the

Prestwick Golf Grasses,

A series of mixtures, modified as experience warrants for our needs, that we are sure surpass any hitherto offered in the United States. No. 1. For Putting Greens, sow at the rate of 80 lbs. per acre. Per lb. 16 cts. No. 2. For Courses, light and dry soils, sow at the rate of 50 lbs. per acre. Per lb. 14 cts. No. 3. For Courses, low and damp soils, sow at the rate of 50 lbs. per acre. Per lb. 10 cts.

Gentlemen: It gives me pleasure to state that the seed supplied by you for the past three seasons to the Lexington Golf Club has given entire satisfaction.

Truly yours,

WM. W. REED, Chairman Green Com.

BRECK'S KNO-WORMS,**A Famous Scotch Preparation, Destroys and Prevents all Kinds of Worms in Putting Greens, Lawns, etc.**

This has given satisfaction for years on the Golf Links of Scotland. It is cheaper than any other preparation offered and will be found more effective.

It is also **a specific for cut worms and ants. Easily applied. Full directions for use on every package.** Price, qt., makes 25 gals. solution, 50 cts.; $\frac{1}{2}$ gal., makes 50 gals. solution, 85 cts.; gal., makes 100 gals. solution, \$1.50; 5 gals., makes 500 gals. solution, \$6.50.

LAWN HINTS.

In forming a new lawn, care should be taken in preparing the ground before seeding, for *desirable* grasses, like other valuable plants, will not thrive unless properly planted and fed. Have the soil put into condition by draining, if necessary, manuring, deep digging and trenching, for it is vain to expect a lawn to retain its beauty during the scorching days of July and August unless the ground is thoroughly pulverized, so that the roots of the grass can penetrate at least 18 inches deep. After the ground is trenched it should be harrowed, all stones, roots and rubbish removed, and made perfectly level,—for if this is not done before the seed is sown it cannot be done after the sward is formed, without great expense and labor,—and left to settle a week or ten days. Then it should be raked smooth, after which it is ready for the seed.

To Renovate an Old Lawn.

When lawns are worn out from neglect or other causes, and where it is not convenient to renew them by spading up and reseeded, they may be greatly improved by a thorough raking, early in spring, with a short-toothed steel rake so as to remove the moss, dead roots, leaves and other useless incumbrances; then scatter evenly over the surface a coating of fine, clean loam, to the depth of, say, half an inch. *Breck's Lawn Grass Seed* should then be sown, using about half the quantity of seed required for new lawns, again rake lightly and roll down firmly. All lawns are much benefited by a scattering of seed every season, and it may be sown with equal success either in spring or in the beginning of September.

Enemies.

For a year or two lawn owners in Massachusetts have been greatly annoyed with the *Chafer Beetle* or *June Bug*, the larvæ beginning their work of destruction early in June. It shows in small, round patches that turn red through the cutting off of the roots of the grass plants. If these patches are examined the plants will be found dead, the roots having been destroyed about an inch and one-half below the surface. If the battle is begun at this early stage there is little difficulty in overcoming the insects, but if they are allowed to make much headway the fight is more troublesome. As soon as the red patches show, obtain a wood beetle or paving rammer and thoroughly pound all such spots and a little over on to the green, healthy plants; this will kill the larvæ. Apply *Breck's Lawn Dressing* at the rate of five to six hundred pounds per acre, and, if practical, follow with a plentiful supply of water. This will enable the plants to make root and grow faster than the grub can work.

If however, the larva is allowed to get control, the cure consists in reseeded in August or September. On lawns that have been made within a couple of years the grade need not be disturbed nor the ground dug over, the new seed bed being prepared by using a manure fork or rake to loosen the surface soil and remove the dead turf. Put on sufficient soil to bring the ground to the old level, sow the seed, rake in and roll. In the case of old lawns where the soil is hard and where the ground has not been turned over for a number of years it will be better to apply a dressing of nitrate of soda at the rate of two or three hundred pounds per acre in warm, sunny weather, and, say, three days later, proceed to remake the lawn, following the directions given above.

See Special Offers on third page of cover.

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ALL BOOKS DELIVERED FREE AT PRICES QUOTED.

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EDITED BY PROF. L. H. BAILEY. 4 Volumes. The most Complete and Valuable American work on the subject of Horticulture yet published. Price: Set of 4 vols., \$20.00 net.

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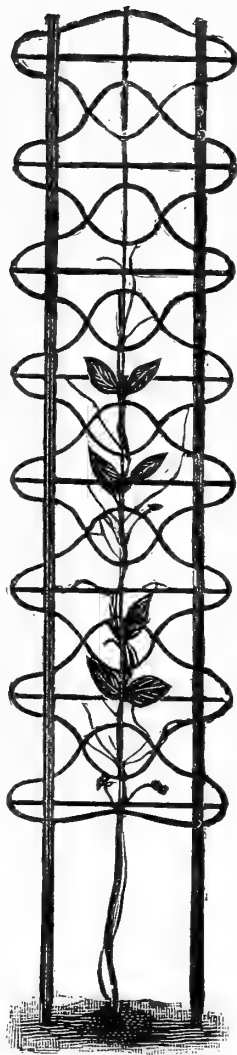
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Made of wood and rattan, painted green. The most durable and ornamental trellis on the market.

Special Sizes and Styles Made to Order.



Veranda Trellis.



No. 00.



No. 00 wide.



No. 0.



No. 0 wide.



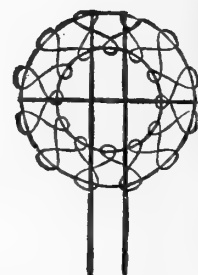
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Fan Trellis.

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Bow Trellises.

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Ivy Trellis.

CROSS TRELLIS.

	Each.	Per doz.
24 x 15 1/2 in.	\$0.35	\$4.00
42 x 24 "50	5.00

FAN TRELLIS.

	Each.	Per doz.
1 1/2 ft. x 7 in.	\$0.10	\$1.00
2 " x 10 " . . . . .	.15	1.50
2 1/2 " x 13 " . . . . .	.20	2.00
3 " x 16 " . . . . .	.40	4.50
3 1/2 " x 21 " . . . . .	.50	5.50
4 " x 27 " . . . . .	.60	6.50
5 " x 32 " . . . . .	.80	9.00
6 " x 38 " . . . . .	.90	10.00
7 " x 42 "	1.10	12.00
8 " x 46 "	1.20	13.00

VERANDA TRELLIS.

Ornamental and substantial. Especially adapted to out-door use for high climbing plants.

	Each.	Per doz.
2 ft.	\$0.35	\$4.00
3 " . . . . .	.50	5.00
4 " . . . . .	.55	6.00
5 x 1 1/2 " . . . . .	.80	9.00
6 x 1 1/2 "	1.00	11.00
7 x 1 1/2 "	1.20	13.00
8 x 1 1/2 "	1.30	15.00
9 x 1 1/2 "	1.55	18.00
10 x 1 1/2 "	1.80	21.00
11 x 2 "	2.10	25.00
12 x 2 "	2.40	28.00

	Each.	Per doz.
No. 00, 18-in. stick, 3 1/2 in. wide	\$0.05	\$0.50
" 00 wide, 20-in. stick, 8 in. wide . . . . .	.10	1.00
" 0, 24-in. stick, 5 in. wide . . . . .	.10	1.00
" 0 wide, 24-in. stick, 8 in. wide . . . . .	.12	1.25
" 0 1/2, 24-in. stick, 7 1/2 in. wide . . . . .	.20	2.00

IVY TRELLIS.

	Each.	Per doz.
16 in. diameter	\$0.50	\$5.00
20 " " . . . . .	.60	7.00
24 " " . . . . .	.75	9.00

BOW TRELLIS.

	Each.	Per doz.
No. 1, 30 x 10 in.	\$0.25	\$2.50
" 2, 30 x 14 " . . . . .	.35	4.00
" 3, 36 x 12 " . . . . .	.40	4.50
" 3 1/2, 42 x 14 " . . . . .	.50	5.00
" 4, 48 x 15 " . . . . .	.55	6.00
" 5, 60 x 18 " . . . . .	.65	7.50
" 6, 72 x 20 " . . . . .	.80	9.00

EXTRA WIDE VERANDA TRELLIS.

	Each.	Per doz.
6 x 2 1/3 ft.	\$1.30	\$15.00
8 x 2 1/3 "	2.00	24.00
10 x 2 1/2 "	2.70	32.00
12 x 3 "	3.50	42.00

See Special Offers on third page of cover.

Plant Sticks.

Square, Green Painted, for pot and garden use. The three extra heavy sizes have black painted points to prevent moisture entering the fibre of the wood.

1 1/2 ft.	.	.	.	.	Per 100	\$1.00	5 ft.	.	.	.	.	Per 100	\$7.50
2 "	.	.	.	.	" "	1.50	6 "	.	.	.	.	" "	9.00
2 1/2 "	.	.	.	.	" "	2.00	EXTRA HEAVY.						
3 "	.	.	.	.	" "	4.00	4 "	.	.	.	.	" "	6.50
3 1/2 "	.	.	.	.	" "	4.50	5 "	.	.	.	.	" "	12.00
4 "	.	.	.	.	" "	5.50	6 "	.	.	.	.	" "	14.00

ROUND PLANT STICKS, Green Painted, sizes 1 1/2 to 6 feet. **Prices same as the square plant sticks. OUR SPECIAL OFFERS DO NOT APPLY ON THE FOLLOWING ARTICLES.**

UNPAINTED HARDWOOD STICKS.

Neat, durable and clean; much used by florists for carnations, roses, etc.

2 feet	.	Per 100	\$0.25	Per 1000	\$2.00	3 feet	.	Per 100	\$0.35	Per 1000	\$3.00
4 feet	.	Per 100	\$0.45	Per 1000	\$4.00						

BAMBOO CANE STAKES.

These are light, strong and very durable. They vary in length from six to 10 feet. Florists use them much and cut them to any desired length. \$1.00 per 100; \$4.00 per 500.

GALVANIZED IRON WIRE STAKES.

Useful for pot plants and for carnations, chrysanthemums, etc., in benches.

2 feet	.	Per 100	\$1.00	Per 1000	\$9.00	3 feet	.	Per 100	\$1.20	Per 1000	\$11.00
4 feet	.	Per 100	\$1.60	Per 1000	\$15.00						

EXCELSIOR WIRE CARNATION SUPPORTS.

Can be used in benches, pots or borders. Made in two pieces. No loose rings to get lost. Adjustable from 12 to 20 inches in height. Per 100 \$2.00; per 1000 \$18.00.

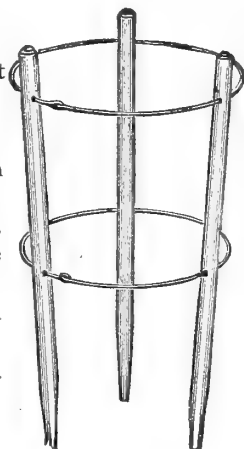
TOMATO SUPPORTS OR TRELLISES.

"Two Hoop" Wood. Strong, light, practical, quickly set in position and can be stored from season to season in a small space. Per doz. \$1.25.

"Tie Joint." These supports are made of four upright and eight cross pieces of wood that are easily set and retained in position. They are durable and can be stored away, like so many canes, when not in use. Per doz. \$1.75.

Wood and Wire. Uprights of hard wood. Two wire rings. When not in use they fold compactly for storage. Each 20 cts.; doz. \$1.75.

SQUARE WOOD. Similar to the Tie Joint, but are nested to store instead of being taken to pieces. Per doz. \$1.40.



Labels, Wood.

For Pots, Garden and Trees.

POT LABELS.

				Per 1000.		
				Painted.	Plain.	
4 x 5/8 in.	.	.	.	\$0.10	\$0.70	\$0.50
4 1/2 x 5/8 "	.	.	.	.10	.80	.60
5 x 5/8 "	.	.	.	.15	.95	.70
6 x 5/8 "	.	.	.	.20	1.20	.90
10 x 5/8 "	.	.	.	.25	2.00	1.60
12 x 5/8 "	.	.	.	.30	2.40	1.85

GARDEN SIZES.

				Per 1000.		
				Painted.	Plain.	
8 x 7/8 in.	.	.	.	\$0.45	\$3.70	\$3.00
10 x 7/8 "	.	.	.	.55	4.80	3.90
12 x 1 1/8 "	.	.	.	.65	6.00	5.00

WIRED LABELS.

				Per 1000.		
				Painted.	Plain.	
3 1/2 x 5/8 in., Iron Wire	.	.	.	\$0.15	\$1.00	\$0.80
3 1/2 x 5/8 " Brass or Copper Wire	.	.	.	.15	.20	1.00

Any Size and Style of Wood Labels Made to Order.

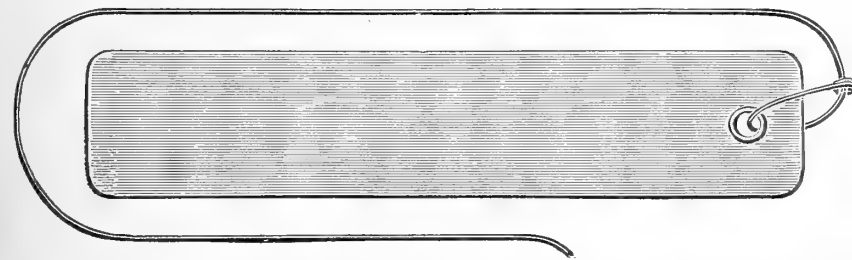
LABELS. Zinc and Indelible Ink. When indelible ink is used on zinc labels, a practically indestructible and always readable label is assured.

		Per 100.				
		1	2	3	5	6
Nos.						
Price per 100,		\$1.25	\$1.00	\$1.00	\$1.15	\$0.75
Nos.						
Price per 100,		\$0.70	\$1.30	\$0.60	\$0.50	\$0.60
Small Bottle Ink	.	\$0.20	Larger Bottle Ink	.	\$0.35	

LABELS. Improved Indestructible

Tree. These labels are made of copper alloy and so constructed that the wire cannot cut through the metal from constant flapping in the wind. If properly attached there is no danger of it becoming unfastened. By using a stylus or hard lead pencil the metal is indented and **The Writing is Permanent.**

No. 1, 3 3/4 x 3/4 in., per 100 \$0.75; No. 2, 5 x 1 1/2 in., suitable for two lines of writing, 100 \$1.25.



LABELS. Everlasting Metal. A soft white metal label on which the name of the plant is indented with a steel die. They are really everlasting and there is no danger of the name being obliterated. Per 100, Plain, \$0.50; per 1000, Plain, \$4.00. Per 100, Printed (25 of each name), \$0.75; per 1000, Printed (25 of each name), \$6.00. If wanted in greater variety of names than four to the 100 the price is, per 100 \$1.00; per 1000 \$8.00. Persons who own a set of steel letter dies can do their own printing.

WIRE RODS or STAKES. To be used with **Indestructible** or other hanging label, \$3.00 per 100.

See Special Offers on third page of cover.

Special Offer No. 3 only applies to goods on this page.

Flower-Pots, Saucers and Seed-Pans.

Inside Measurement, width and depth equal. Packing charged extra.

FLOWER POTTS.

Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.
3 in.	\$0.15	\$1.15	8 in.	\$1.50	\$11.25	13 in.	\$8.00	\$60.00
4 "	.25	1.75	9 "	2.15	16.00	Each.		
5 "	.45	3.20	10 "	2.90	21.50	14 "	\$0.90	
6 "	.65	4.80	12 "	5.40	40.00	15 "	1.20	
7 "	1.10	8.00				18 "	2.40	

SAUCERS.

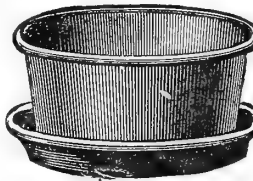
Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.	Size.	Price per doz.	Price per 100.
3 in.	\$0.15	\$1.15	8 in.	\$0.65	\$4.75	13 in.	\$2.15	\$16.00
4 "	.20	1.45	9 "	.85	6.40	Each.		
5 "	.25	1.85	10 "	1.10	8.00	14 "	\$0.20	
6 "	.30	2.40	12 "	1.60	12.00	15 "	.25	
7 "	.45	3.20				18 "	.40	

FERN PANS.

Size.	Pots. Per doz.	Saucers. Per doz.	Size.	Pots. Per doz.	Saucers. Per doz.
4 x 1 7/8 in.	\$0.40	\$0.25	7 x 2 5/8 in.	\$0.85	\$0.50
4 3/4 x 2 1/8 "	.50	.30	8 x 3 1/8 "	1.25	.75
5 1/2 x 2 1/4 "	.60	.40	9 x 3 3/4 "	1.50	1.00
6 1/4 x 2 1/2 "	.75	.45	10 x 4 "	1.70	1.25

ROUND SEED PANS.

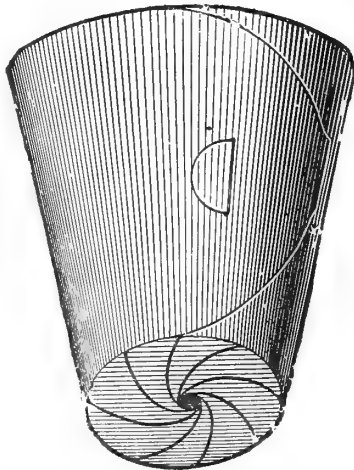
Size.	Each.	Per doz.	Per 100.
6 in.	\$0.06	\$0.65	\$4.80
8 "	.10	1.10	7.25
10 "	.20	1.95	14.50
12 "	.25	2.70	20.00
14 "	.45	5.40	40.00

**SQUARE SEED PANS.**

Size.	Each.	Per doz.	Per 100.
6 x 6	\$0.25	\$2.70	\$22.50
8 x 8	.30	3.25	24.00
10 x 10	.35	3.60	28.00
12 x 12 x 2 1/4	.40	4.40	32.00
12 x 12 x 4	.50	5.40	40.00

Neponset Paper Pots.

(Prices Net.)



Size.	Doz.	100	1000
2 1/4 in.	\$0.05	\$0.25	\$2.20
2 1/2 "	.07	.30	2.40
3 "	.08	.45	3.90
3 1/2 "	.10	.60	5.15
4 "	.15	.80	6.90
5 "	.20	1.20	10.35
6 "	.25	1.65	14.55

Not less than one thousand at thousand rate.

Fancy Hanging Pots.

We carry a full line of these goods and can furnish them in sizes varying from six to 12 inches in diameter, and at prices ranging from 20 to 75 cents each, according to size and pattern.

WIRE POT HANGERS.

COPPERED WIRE.

Hangers for 4 inch Plain Flower Pots.

5 "	"	"	"
6 "	"	"	"
7 "	"	"	"
8 "	"	"	"

Any of the above sizes, per doz., 30 cents; per gross, \$3.00.

Brass Jack Chains.

For Hanging Pots. No. 118, 3 strand, each, 20 cts.
No. 119, 4 strand, each, 20 cts.

**Patent Extension Hanger.**

For Pots and Bird Cages. Brass, each, 20 cts.

Cedar Plant Tubs.

For growing Agaves, Century, and other large plants. Made of the best red cedar; painted green; iron handles.

No.	Size.	Price
No. 1	Dia. 28 x 22 deep	\$5.00
" 2	" 26 x 20 "	4.25
" 3	" 24 x 18 1/2 "	3.50
" 4	" 22 x 17 "	3.00
" 5	" 20 x 16 "	2.50
" 6	" 18 1/2 x 15 "	2.00
" 7	" 16 1/2 x 14 "	1.75
" 8	" 15 1/2 x 13 "	1.50
" 9	" 14 x 12 "	1.30

Fibre Ware Plant Tubs.

Light, clean, dry. They do not shrink or leak. Being made of the same material as the now popular rolling stands and saucers, they match perfectly and present a pleasing appearance in the parlor, hall, or on the veranda or lawn. Cheaper than clay pots and more durable.

No. 1.	12 1/2 in. diameter,	\$0.75
" 2.	13 1/2 "	1.00
" 3.	19 "	1.50
" 4.	21 1/2 "	1.75

Oak Plant Tubs.

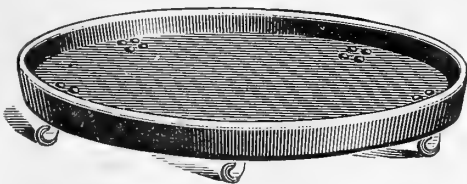
Natural wood finish. These are strong, light, and thoroughly serviceable.

12 inches diameter, 11 inches high	\$1.15
14 " " 12 " "	1.30
16 " " 13 " "	1.65
18 " " 15 " "	2.00
20 " " 17 " "	2.25
24 " " 20 " "	2.65



See Special Offers on third page of cover.

Special Offer No. 3 only applies to articles on this page.



Fibre Saucer Trucks for Large Pots and Tubs.

These are made of Indurated Waterproof Fibre Ware, mounted on castors. They are a great convenience for using with the larger size pots and tubs. Being perfectly waterproof, they are especially suitable for use in parlors, halls, etc. The four smaller sizes have a detachable and strongly made metal base, so that a new saucer can be substituted when one is worn out or broken. The two larger sizes have the castors attached to the bottom.

				Each.	Doz.					Each.	Doz.
12-in.	diameter,	3	castors	\$0.60	\$6.00	18-in	diameter,	4	castors	\$0.95	\$10.00
14 "	"	3	"	.70	7.20	20 "	"	4	"	1.15	12.00
16 "	"	4	"	.85	9.00	22 "	"	5	"	1.40	15.00

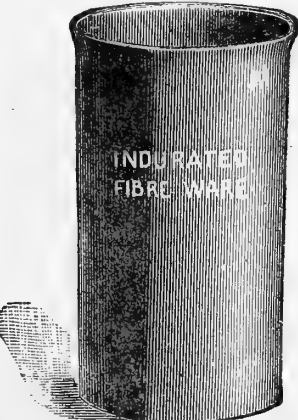
The 12-inch size is suitable for a 10-inch pot, the 14-inch for a 12-inch pot, and so on.

Fibre Saucers without Castors.

Made from Indurated Fibre Ware, prevents moisture passing through to injure table, floor or carpet.

				Each.	Doz.	100					Each.	Doz.	100
4-in.	.	.	.	\$0.10	\$1.10	\$7.50	10-in.	.	.	.	\$0.14	\$1.45	\$11.00
5 "	.	.	.	.10	1.10	7.75	12 "	.	.	.	.16	1.70	13.00
6 "	.	.	.	.10	1.10	8.00	14 "	.	.	.	.20	2.20	17.00
7 "	.	.	.	.12	1.20	8.80	16 "	.	.	.	.35	3.75	30.00
8 "	.	.	.	.12	1.20	9.40	18 "	.	.	.	.40	4.50	35.00
9 "	.	.	.	.14	1.40	10.40							

The three sizes last quoted are deep and serviceable. Shallow dishes can be supplied at a lower price.



Florists' Vase.

Florists' Vases.

FOR CUT FLOWERS.

Made of Indurated Fibre Ware, light, neat and clean.

		Diam.	Depth.	Each.	Doz.			Diam.	Depth.	Each.	Doz.
No. o	8 in.	13 in. (inside)		\$0.50	\$4.80	No. oo	9 in.	22 in. (inside)		\$0.90	\$9.00
" 1	5 1/2 "	10 "	"	.40	4.20	" 11	5 1/2 "	18 "	"	.50	4.80
" 2	4 1/2 "	9 "	"	.35	3.60	" 12	4 1/2 "	15 "	"	.40	4.20
" 3	4 "	6 "	"	.30	3.00	" 33	4 "	12 "	"	.35	3.60
" 4	3 "	4 1/2 "	"	.25	2.40	" 44	3 "	9 "	"	.30	3.00

Berlin Reservoir Vases.

FOR LAWNS, CEMETERIES, ETC.

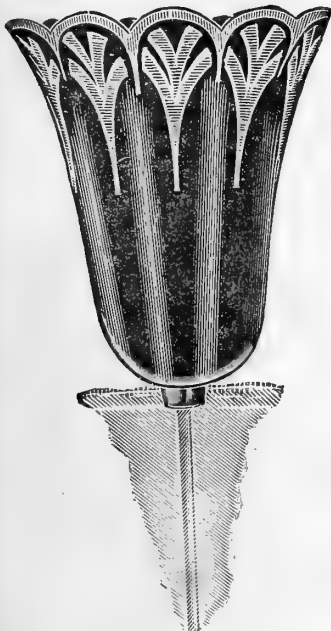
These iron vases are so constructed that one watering will keep the earth moist for a long time without souring the soil or injuring the roots. The reservoir is below the soil and water is taken up as wanted by capillary attraction. Illustrations showing other designs and prices furnished upon application.

No. of Vase.	Height of Ped.	Diam. of Vase.	Height of Vase and Ped.	No. of Ped.	One Coat Paint.		Bronzed.	
					Vase.	Vase and Ped.	Vase.	Vase and Ped.
1	19	17	25	1	\$4.00	\$5.25	\$5.00	\$6.75
2	21 1/2	20 1/2	28	2	6.00	7.50	7.25	9.25
2 1/2	26	24 1/2	33	2 1/2	10.00	11.75	11.50	14.00
3	29	27	37	3	13.00	15.00	15.00	18.00



Reservoir Vase.

Bouquet Holders for Cemeteries.



Egyptian.



Lily.



Tulip.

These are indispensable for cemetery use. They are made of iron and nicely finished in green and bronze.

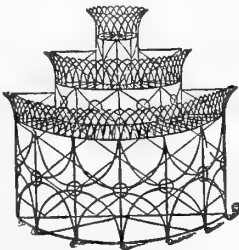
Egyptian Bouquet Holder.

New pattern, large size; holds half a gallon water. Height, nine and one-half inches; diameter, eight and one-quarter inches. Finish, either enamelled white or bronze. Price, each, \$1.25.

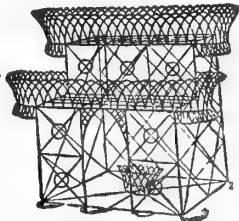
		Each.			Each.			Each.
No. 4	Tulip,	\$0.20	No. 2	Blue Bell,	\$0.30	No. o	Lily,	\$0.25
" 5	"	.25	Cross		.40	" 1	"	.40
" 6	"	.30	Star		.40			

Plant Stands.

Wire, Rigid. These stands are most desirable, either for house use, or for conservatories. They are elegantly made, painted a beautiful green, mounted on porcelain castors and finished with gold bronze, making them very attractive and ornamental.



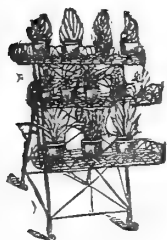
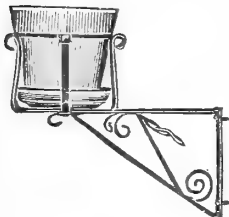
No. 4.



No. 2.

- No. 1. Oblong Stand, 24 in. high, 30 in. long, 9 1/2 in. wide. \$2.50.
- No. 2. Square Stand, with two shelves, 33 in. high, 18 in. deep, 33 in. long. \$3.25.
- No. 3. Is like No. 2, but has three shelves, 36 in. high, 24 in. deep, 33 in. long. \$4.00.
- No. 4. Semicircle Stand, 36 in. high, 26 in. deep. \$4.00.

We manufacture Wire Plant Stands to fit special windows and other locations. When ordering be careful to send correct measurements.

A 3 Shelf
Stand with
Plants.**Special Offer No. 3 only applies to articles on this page.**

Wire, Folding. The most compact and durable Plant Stands on the market. The ends are of flat steel, porcelain castors. The finish is green and bronze. Can be opened or folded in a few seconds. They are strong, capacious and ornamental.

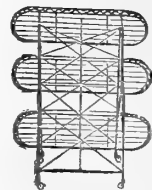
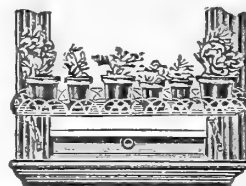
No. 20.	2 Wire Trays.	Size of Trays	7½ x 30 inches		\$2.25
" 3	"	"	"	"	3.00
" 4	"	"	"	"	4.00

Wood. Made of ash and varnished, half-circular shape, 3 shelves, 3 ft. 2 in. in height, each \$1.25; 4 shelves, 3 ft. 8 in. in height, each, \$1.75.

Wire Window Shelf. (See Cut.) With adjustable steel brackets. 36 in. long, with brackets complete, \$1.00; each additional foot, 25 cts.

Flower Pot Brackets. Especially adapted to plain flower pots and saucers. It is the most practical article for the purpose that has ever been offered. The cut herewith shows the idea. The steel clasp or frame in which the pot and saucer sit is of such a form as to hold them securely. They are made throughout of flat steel, perfectly strong and can be fastened on the narrowest moulding. Black finish.

No.	Length of Arm.	Clasp to hold.	Price each.	Price per doz.
No. 1 A	8 in.	5 in. pot	30 cts.	\$3.00
" 2 A	10 "	6 "	35 "	3.50
" 3 A	12 "	7 "	40 "	4.00

A 3 Shelf
Stand Folded.**RUSTIC WORK.**

Strongly made from Natural Roots and Knots.

Hanging Baskets. (See cut.) 8 in. 9 in. 10 in. 11 in. 12 in.
Each . . . \$0.75 \$0.85 \$1.00 \$1.25 \$1.50

Window Boxes. . . . 18 in. 24 in. 30 in. long.
Each . . . \$1.40 \$2.00 \$2.75

Hexagon Stands. Height 26 and 31 inches.
Diameter . . . 16 in. 20 in. 24 in.
Each . . . \$2.50 \$3.50 \$4.50

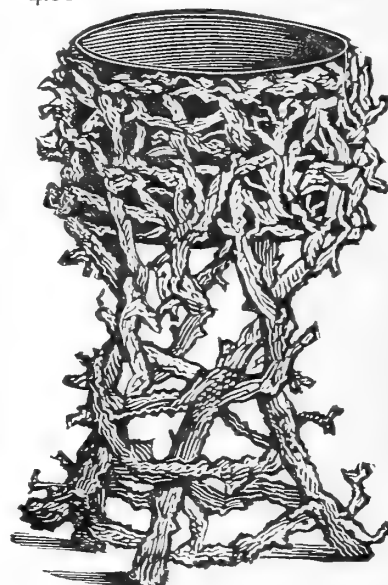
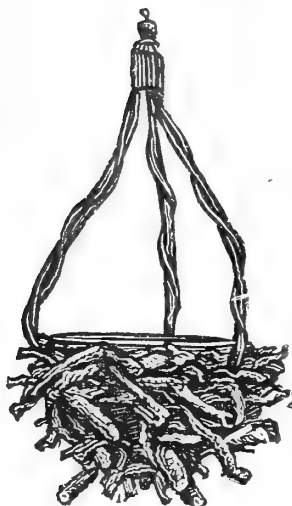
Oblong Stands. Height . . . 24 in. 28 in. 31 in.
Length . . . 18 in. 24 in. 28 in.
Each . . . \$3.00 \$3.50 \$6.00

Round Vase. (See cut.) Height 30 in. Diam-
eter 13 in. 3.50

Arm Chair. No. 3. Each . . . 6.50

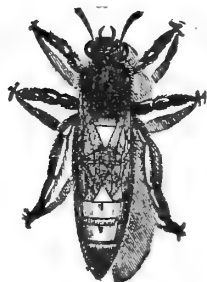
Rustic Settee. Length of seat 2½ ft. 3½ ft. 4½ ft.
Each . . . \$5.50 \$7.50 \$10.00

Any special size or design made to order.

**Bees and Bee-Keepers' Supplies.**

Prices subject to change.

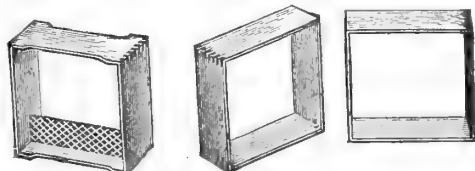
Having many calls from Market Gardeners, owners of Greenhouses, and Bee-Keepers, for articles in the Bee Supply line, we have made arrangements with a reliable apiarist to furnish full Swarms of Italian Bees, on Movable Frames, in Brood Chamber, all ready to be hived. By this method they can be examined at any time. Price upon application. We also have in stock Bee Hives, Section Boxes, Smokers, Brood and Section Foundation, Bee Veils, Rubber Gloves and many other articles necessary to the successful Bee-Keeper.

**The Dovetailed (or Lock-Corner) Hive.**

The particular feature of the Hive, and hence its suggestive name is the dovetailing. Unlike the old-fashioned lap, miter, or halving plan, it will not gap or pull loose, but will successfully resist all climates. This Hive is fitted with Danzertaker bottom board and cover. As we ship, it is fitted complete with starters in Brood Chamber and Section Boxes. We have in stock but one size, the eight frame. All Hives set up ready for use. Net price, each, \$3.00.

Section Honey-Boxes.

Section Boxes, each, 1 cent; per 100, 75 cents; per 250, \$1.25; per 500, \$2.00. Our No. 1 Sections are made of the choicest white basswood lumber, and are all perfect in finish, and free from defects. They are not all snow white, but vary from that to a light cream color. Choice honey shows off to best advantage in a section not too white.



Section Honey-Boxes.

Bingham Smoker.

This is strong, well made, does not clog up and burns any fuel. It has recently been improved by the addition of a curved snout to prevent fire dropping, and a safety attachment to prevent burning the fingers in removing the hot cone for replenishing. They have wide shields; have wire handle to cone, and inverted bellows. Large 2½ in., each, 70 cents; by mail, 90 cents. Bee Supplies not included in Special Offers.



Dovetailed or Lock-Corner Hive.

See Special Offers on third page of cover.

MISCELLANEOUS REQUISITES.

Special Offer No. 3 only applies to articles on this page.

Baskets, Pansy or Verbena, Marston's Pattern. Wood or wire handles, standard size, 10 in. long, 5 in. wide, 3 in. deep, per 100, \$2.00; per 1,000, \$18.00. Large size, 12 in. long, 7 in. wide, 3 in. deep, per 100, \$3.00; per 1,000, \$25.00.



to impart the "golden tinge of June" to butter at all seasons of the year. Bottle sufficient to color 500 lbs. of butter, 25 cts.; for 1,200 lbs., 50 cts.; for 2,500 lbs., \$1.00.

Cotton Batting. For packing flowers, etc., per sheet, 6 cts.

Food, Breck's Flower. This preparation is perfectly odorless and clean to handle. It is the most concentrated, safest and effective plant food on the market. Soluble in water, and no trouble whatever to prepare for use. It promotes a healthy, vigorous growth of wood, leaf and flower. Put up in two sizes—beautiful lithographed boxes.

No. 1, sufficient for 30 plants for one year, 25 cts.; by mail, 40 cts.

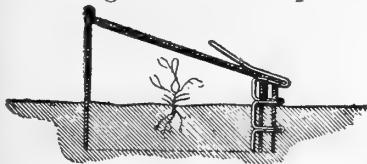
No. 2, sufficient for 30 plants for three months, 15 cts.; by mail 25 cts.

Clay's Fertilizer. A famous *English Fertilizer* that is used by all the leading gardeners and florists in Britain who grow plants, flowers and vegetables for exhibition. It is not only perfectly safe to use, but lasting, effective, and the most economical for all horticultural purposes. It is equally valuable for the conservatory, greenhouse, garden and lawn, and will produce quicker and more lasting result than any other manufactured Fertilizer. Imported direct from the makers in original packages. 112 lbs., \$7; 56 lbs., \$4; 28 lbs., \$2.25; 2 lb. cans, 35c.

Glazing Points, The Peerless. The only durable and reliable points. Made of galvanized steel wire; no rights and lefts. No raising up when driving. Three sizes, Nos. 2, 2½ and 3. The Nos. 2 and 2½ are for general use; the No. 3 for extra heavy work. Price, per box of 1,000, 60 cts. Pincers for driving same, 40 cts.

KILLER, FAIRMOUNT WEED. Kills weeds scientifically. Will keep your paths and roadways clear of all organic growth, and will not injure or discolor marble, or any kind of stone or gravel. One gallon of weed killer makes fifty gallons of treating liquid, and is sufficient to effectively cover 150 sq. yards of surface. ½ gal. tin, 75c.; 1 gal., \$1.25; 5 gal. keg, \$6.00.

Krop Kollar, Faye's Patent. This is one of the simplest, yet most useful articles that has been offered the farmer and gardener for the protection of early crops from cut worms, cold winds and frosts. It consists of a flexible fiber-board collar that can be quickly adjusted around plants, a glass roof easily fastened on, and a shutter for use in extra cold weather. We believe it will prove of great value for protecting corn, melons and other early or tender plants. Net prices, dozen, 70 cts.; 100, \$5.00.

**MASTICA.**

We originally introduced Mastica to the horticulturists of New England. It is superior to any and all other preparations for the purpose, and when results and labor in setting or resetting glass are considered it is decidedly the cheapest article to use.

We are the Manufacturers' Distributing Agents for Boston.

For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent re-glazing. It can be used to bed in or on the outside, with a machine; one gallon will cover about 290 running feet (one side). Gallon cans, \$1.25; half gallons, 65 cts. 6% discount allowed on orders for 6 gallons; 10% discount allowed on orders for 10 gallons. *Net F. O. B. Boston.*

Machines for applying Mastica, \$1.25 each. *Net.*

Mats, Straw. Hotbeds, 6 x 6, \$1.50 ea.; 3 x 6, \$1. Other sizes to order.

Paper, White. For packing flowers, etc., per lb., 10 cts.

Paper, Waxed. For packing flowers, etc., per lb., 30 cts.

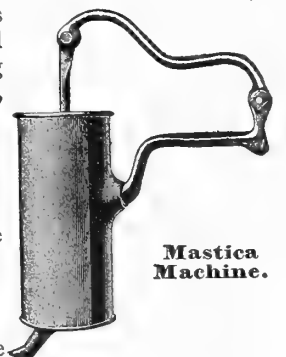
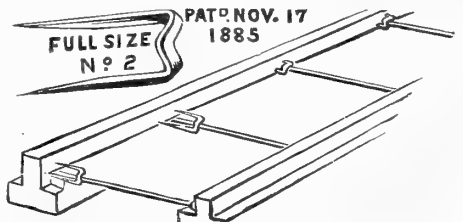
Paper, Wrapping. Strong manilla, per lb., 8 cts.

Paper, Tarred. For using with tree ink, in rolls about 50 lbs., per lb., 4c.

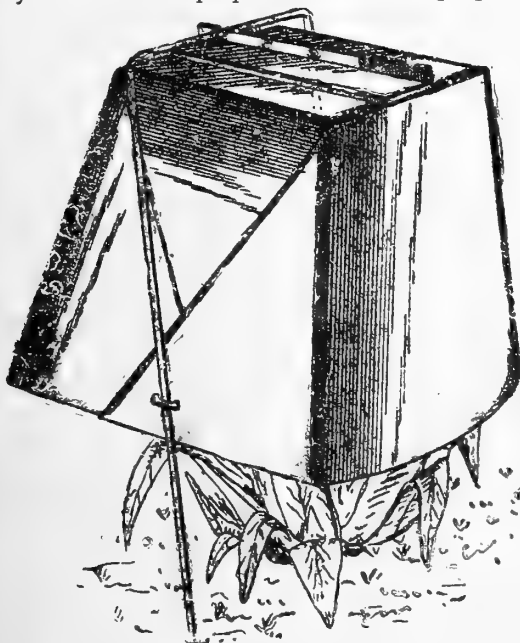
Pencils. Wolff's Indelible Garden. For writing on wood labels, with point protector, each, 20 cts.; doz., \$2.00.

Protectors, Arlington Plant. Protects from bugs, borers and fowls, also subdues wind, rain and cold, 15 cts. each; doz., \$1.50.

— **The Ross Patent.** As shown by the accompanying cut, this protector consists of a heavy water-proofed hood, a U-shaped coppered wire anchor so attached to the hood as to secure it in position over the plant, and at the same time allow of its being raised and tilted to protect from the wind or admit sunshine. Occupy but small space



Mastica Machine.



and nest for storing. The hood is 5 in. high. Price, doz., 25 cts.; 100, \$1.60; 1,000, \$15.00.

See Special Offers on third page of cover.

MISCELLANEOUS REQUISITES.—Continued.**Special Offer No. 3 only applies to articles on this page.****Protecting Cloth for Hot Beds.** Used as a substitute for glass for protecting plants in early spring, in pieces of 40 yards, 10 cts. per yard.**Putty Bulbs.** A simple and useful device for applying putty to sashes, \$1.00 each.**Roffea.**

This grass, long used by gardeners for tying plants and bunching vegetables, has been adapted to new uses. While it is likely to hold its place as the best tying material yet produced, there will be a great demand for it for a few years for making baskets, mats, etc. In order to meet this demand we have made arrangements to supply a selected quality of the natural colored grass, also dyed in shades of green, blue, black, pink, yellow, red, and other favorites.

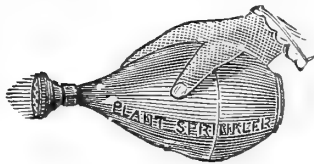
Price, Natural, 25 cts. per lb. Any of the above colors 50 cts. per lb. Not less than ¼ lb. colored Roffea sold at pound price.

Reeds, Round and Split, Nos. 2, 3, 4, 5, used with the Roffea in basket making. Nos. 2, 3 and 4, lb. 75 cts. No. 5, lb. 60 cts.

"Basket Making." The first book of the "How to Do It Series." Tells all about basket making. It contains over one hundred illustrations of working designs with full particulars of methods. By mail, 25 cents.

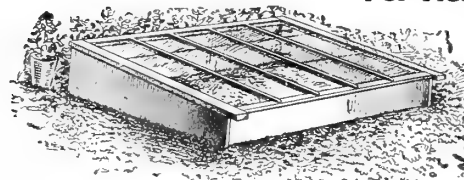
Silkline. Used for growing smilax and asparagus on, also for tying in bouquet work, per reel 25 cts.; per lb. \$1.25.

Sprinkler, "Ladies' Favorite." This is the most practical sprinkler yet offered to use on house plants, cut flowers or for the laundry. Each, \$1.00.



Sprinklers, Scollay's Rubber. An indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc.; three sizes, 50 cts., 75 cts. and \$1.00 each.

Sashes for Hot-Beds. Extra well made from thoroughly seasoned lumber, frame 1½ in., 3x6 ft., \$2.85; 1¾ in., 3x6 ft., \$3.00 each. Unpainted and unglazed sashes, from \$1.60 to \$1.75.

**Hot-Bed, Sash and Frame, Complete.****For Violets, Flower Seeds and Early Vegetables.**

Having received numerous inquiries for a **Hot-Bed Sash** that was light, and easy to handle, we decided that it would be a good idea to construct a **Sash and Frame Complete** that would meet the requirements.

After carefully studying several designs we adopted the one shown in cut, as most desirable in all particulars.

The outside dimensions of **Frame** are three feet one inch long, and four feet eight inches wide, made of one inch **Cypress**; the back piece is nine inches wide and the front piece is six inches wide, grooved together, and held in place by eight strong hooks.

Being fastened together by the hooks enables one to take it apart at the end of the season and store away in a very compact form, which we consider an essential feature, as by so doing the frame may be made to last for years.

The **Sash** is also made of **Cypress** of one and one-half inch stock, put together and glazed in the very best manner. On the under side of **Sash** is fastened a cleat, one inch from the outer edge, all around, thus forming a rabbet which makes the frame very tight, preventing the cold air from entering or the heat escaping.

The construction of the frame is so simple that any one with a hammer and screwdriver can put it together in a few minutes. We furnish hinges and screws for attaching the sash to back of frame; also the hook and eyes for corners.

In offering this **Special Hot-Bed** to our customers we feel that we have something that will give entire satisfaction and will supply a long felt want.

Our price for **Frame** and **Sash** complete is **only** \$5.00 delivered at the railroad in Boston.

Sieves, Wire. For preparing potting soil, sifting loam, gravel, etc.; 16, 18, 20, 24 inches diameter; 75 cts., 90 cts., \$1.15, \$1.50 each, respectively.

Soil, Peat, Leaf Mould, Etc.

Prepared Potting Soil. Specially prepared with **peat, leaf mould, loam, sand and fertilizer.** Pk., \$0.30; bush., \$1.00; bbl., \$2.00, **net.**

Peat, Rotted Fibrous. Fine, light and sweet. For some varieties of plants this is invaluable. Pk., \$0.30; bush., \$1.00; bbl., \$2.00, **net.**

Leaf Mould. Vegetable humus, a desirable addition to all soil used for potting. Pk., \$0.30; bush., \$1.00; bbl., \$2.00, **net.**

Silver Sand. For rooting cuttings and mixing with potting soil. Pk., \$0.50; bush., \$1.50, **net.**

Fern Root or Orchid Peat. Bush., \$1.50; bbl., \$3.00, **net.**

Sphagnum Moss. Bush., \$0.75; bbl., \$1.50, **net.**

Tape, Electric. Exceedingly useful for mending rubber hose. It is a strong, adhesive ribbon, three-quarters of an inch wide, can be wound tightly around a leaking part and thus stop it. Per coil, 25 and 50 cts.

Tinfoil. For bouquets. Per lb., 15 cts.

Twine. Soft, for tying cut flowers, vines, etc. Per ball, 25 cts.

Twine, Parcelling. All sizes. Per ball, 10 to 25 cts.

Wax Grafting. (Perfected.) The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency, and give unsatisfactory results. Put up in 1 lb., ½ lb., and ¼ lb. packages, price 40 cts., 25 cts., and 15 cts., respectively.

Wire, Bouquet. Bright, cut in lengths of nine and 12 inches, in boxes of 12 lbs. (one stone) each.

Per box, either length, Nos. 20, 21 and 22	\$1.25	Per box, either length, No. 26	\$1.75
" " " " 23 and 24	1.25	" " " " 34	2.50
" " " " 25	1.50		

See Special Offers on third page of cover.

SPRAYING CALENDAR.

This calendar, in a concise way, gives our friends the benefit of the many experiments made by the Agricultural Colleges of the country for a number of years. It is believed they can be followed without danger to the crops and much profit to the grower.

The number of applications given in each case has particular reference to localities in which fungous and insect enemies are most abundant. If the crops are not affected at the time advised, the spraying is unnecessary. Know the enemy and the remedy, and apply them at the proper season, keeping in mind the fact that good judgment and prompt and persistent action is more necessary to success than any definite rules.

The applications to which an asterisk * is prefixed are of most importance.

PLANT.	First Application.	Second Application.	Third Application.	Fourth Application.
Apple. Scab, codlin moth, bud moth.	When buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. For bud moth, Arsenites when leaf buds open.	*When blossoms have fallen, Bordeaux and Arsenites.	*8-12 days later, Bordeaux and Arsenites.
Cabbage. Worms, aphids.	*When worms or aphids are first seen, Kerosene emulsion.	7-10 days later, if not heading, renew emulsion.	*7-10 days later, if heading, hot water 130° F.	Repeat third in 10-14 days if necessary.
Carnation. Rust and other fungous diseases, red spider.	*When rust is first noticed, Bordeaux. Kerosene emulsion when red spider is first seen.	*For rust repeat first in 10-14 days. For red spider repeat in 3-4 days.	Repeat second, using the Ammoniacal carbonate of copper if plants are in bloom.	Repeat second as before if necessary.
Cherry. Rot, aphids, slug.	As buds are breaking, Bordeaux; when aphids appear, Kerosene emulsion.	When fruit has set, Bordeaux. If slugs appear, dust leaves with air-slaked lime. Hellebore.	10-14 days, if rot appears, Bordeaux.	10-14 days later, Ammoniacal copper carbonate.
Currant. Mildew, worms.	*At first sign of worms, Arsenites.	*10 days later, Hellebore. If leaves mildew, Bordeaux.	If worms persist, Hellebore.	
Gooseberry. Mildew, worms.	*When leaves expand, Bordeaux. For worms, as above.	*10-14 days later, Bordeaux. For worms, as above.	*10-14 days later, Ammoniacal copper carbonate. For worms, as above.	*10-14 days later repeat third.
Grape. Fungous diseases, flea beetle.	In spring when buds swell, copper sulphate solution. *Paris green for flea beetle.	*When leaves are 1-1½ inches in diameter, Bordeaux. Paris Green for larvæ of flea beetle.	*When flowers have fallen, Bordeaux. Paris Green as before.	*10-14 days later, Bordeaux.
Nursery Stock. Fungous diseases.	*When first leaves appear, Bordeaux.	*10-14 days, repeat first.	10-14 days, repeat first.	10-14 days, repeat first.
Peach Nectarine Apricot. Rot, Mildew.	*Before buds swell, copper sulphate solution.	Before flowers open, Bordeaux.	*When fruit has set, Bordeaux.	*When fruit is nearly grown, ammoniacal copper carbonate.
Pear. Leaf blight, scab, psylla, codlin moth.	As buds are swelling, copper sulphate solution.	*Just before blossoms open, Bordeaux. Kerosene emulsion when leaves open for psylla.	*When blossoms have fallen, Bordeaux and Arsenites. Kerosene emulsion if necessary.	*8-12 days later, repeat third.
Plum. Fungous diseases, curculio.	*During first warm days of early spring, Bordeaux for black knot. When leaves are off in the fall, Kerosene emulsion for plum scale.	*When buds are swelling, Bordeaux for black knot and other fungous diseases. During mid-winter, kerosene emulsion for plum scale.	*When blossoms have fallen, Bordeaux. Begin to jar trees for curculio. Before buds start, Kerosene emulsion for plum scale.	*10-14 days later, Bordeaux. Jar trees for curculio every 2-4 days. For San Jose scale, Kerosene emulsion when young appear spring and summer.
Potato. Scab, blight, beetles.	*Soak seed for scab in corrosive sublimate solution, 2 oz. to 16 gals. of water, for 90 minutes.	*When beetles first appear, Arsenites.	*When vines are two-thirds grown, Bordeaux. Arsenites for beetles if necessary.	10-15 days later, repeat third.
Raspberry. } Blackberry. } Dewberry. } Anthracnose, rust.	Before buds break, copper sulphate solution. Cut out badly diseased canes.	During summer, if rust appears on leaves, Bordeaux.	Repeat second if necessary.	*Orange or red rust is treated best by destroying entirely the affected plants.
Rose. Mildew, black spot, red spider, aphids.	For mildew. *Keep heating pipes painted with equal parts lime and sulphur mixed with water to form a thin paste.	For black spot. *Spray plants once a week with Ammoniacal copper carbonate, using fine spray.	For red spider. *Spray plants twice a week with kerosene emulsion. Apply to under side of foliage.	For aphids. *Spray affected parts with Kerosene emulsion when necessary.
Strawberry. Rust	*As first fruits are setting, Bordeaux.	As first fruits are ripening, Ammoniacal copper carbonate.	*When last fruits are harvested, Bordeaux.	Repeat third if foliage rusts.
Tomato. Rot blight.	At first appearance of blight or rot, under glass or out of doors, Bordeaux.	Repeat first if diseases are not checked.	Repeat first when necessary.	

For Aphides or Plant Lice use Kerosene Emulsion on all Plants.

See Special Offers on third page of cover.

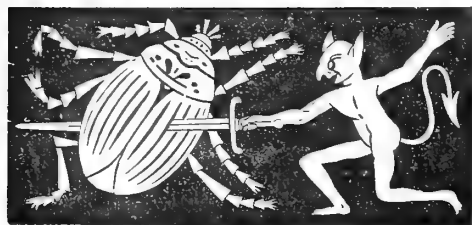
About Insects.

Since *The Experiment Stations* throughout the country have given attention to *Fungi Diseases* and devised remedies for these and also for the destruction of *Insect Pests*, both those that eat up the foliage and those that simply suck the life blood of the plant, there have been a great many *preparations under fancy and mysterious names* put on the market. It is safe to say that many of these, while high in price, produce only inferior results. Therefore we wish to remind our friends that it is usually safest when having to deal with insect pest and fungus to use only tried and reliable *Insecticides and Fungicides*.

In general terms: **ARSENATE OF LEAD AND PARIS GREEN** are specifics for leaf eating insects.
KEROSENE EMULSION, TOBACCO, WHALE OIL SOAP for sucking insects.
BORDEAUX MIXTURE and AMMONIACAL COPPER (Copperdine) for fungus.

Within a few years Massachusetts orchards and gardens have been badly affected by the *San Jose Scale*. When the trees are much affected it is usually best to cut down and burn them. In the early attack apply Whale Oil Soap, two pounds to a gallon of water, when trees are dormant, or Kerosene and water in the proportion of one to five. Both of these preparations should be applied before the buds start. During growth the best remedy is Kerosene Emulsion.

Insecticides and Fungicides.



Special Offer No. 3 only applies to articles under this heading.

Arsenate of Lead. The safest and best insecticide known for leaf eating insects. If applied according to directions it will not injure the foliage; one pound to 10 gallons of water has been used on young, tender leaves without scorching or burning them. It adheres to the foliage for weeks. It is white in color; sprayed foliage may thus be distinguished from unsprayed at a glance. It can be used with Bordeaux Mixture. See directions on each package.

1-lb. Tins, per lb. 20 cts.; 5-lb. Pails, per lb. 18 cts.; 10-lb. Pails, per lb. 17 cts.; 20-lb. Pails, per lb. 17 cts.; 50-lb. Kegs, per lb. 16 cts.; 100-lb. Kegs, per lb. 15 cts.

Aphis Punk, Nikoteen. A special preparation of nicotine for the extermination of green and black fly, thrip, etc., contains no ammonia and does not injure delicate plants. Per box of one dozen rolls (720 grains nicotine) 60 cts.

Black Death. A new preparation in powder form, ready to apply, cheap, safe and effective. Three years of unprecedented success wherever introduced all over the United States has proved "BLACK DEATH" to be an absolute annihilator of all insects, bugs or beetles that prey on vegetation. It positively *kills* Potato Bugs, Squash Bugs, Pumpkin Bugs, Watermelon Bugs, Rose Bugs, Currant Worms, Cabbage Worms, etc. It will kill all kinds of creeping things, that eat the leaves of vegetables or plants. *Net prices.*

1-lb. Packages 5 cts.; 3-lb. Packages, 13 cts.; 5-lb. Packages 20 cts.; 10-lb. Packages 35 cts.; 15-lb. Packages, 50 cts.; 25-lb. Packages 75 cts.; 50-lb. Packages \$1.50; 100-lb. Kegs \$3.00; 300-lb. Barrels \$9.00.

Breck's Liquid Anti-Ants. A preparation that destroys or drives away ants from lawns, trees, etc. ½ pt. 30 cts.; pt. 50 cts.

Breck's Anti-Ant Powder. A preparation in powder form that contains the same qualities as the preceding, and can be used indoors as effectively as on small plants, flower beds, etc. Per box, 30 and 50 cts.

Breck's Dalmation Insect Powder. ("Bubach.") Manufactured especially for us from clean, dried flowers. It is put up in air-tight packages and keeps its strength indefinitely. It is invaluable to the housekeeper for the destruction of flies, fleas, roaches, and other noxious insects. Four sizes, 10, 15, 25 and 40 cts. In bulk, lb. 30 cts.

Bordeaux Mixture. Powell's. Ready for use by simply adding water. Bordeaux Mixture is, we believe, the best fungicide known, and is really a specific for the blight and other diseases attacking potatoes, tomatoes, grapes, apples, pears, etc. 1-lb. box, makes 5 gallons spray, 20 cts.; 5-lb. box, makes 25 gallons spray, 75 cts.; 10-lb. box, makes 50 gallons spray, \$1.25; 25-lb. box, makes 125 gallons spray, \$3.00.

Bordeaux Mixture. French. In pulp form. One gallon makes 50 gallons spray, per gal. \$1.00; per 5 gals. \$4.50; per 10 gals. \$8.00.

Bordeaux Mixture. Lenox Brand. This preparation we consider the best of all the ready-made Bordeaux Mixtures on the market. It is chemically pure. It does not clog the nozzle. It adheres to the leaves and is not easily washed off. One gallon makes 50 gallons solution. Per qt. 25 cts.; 1 gal. \$1.00; 12 gals. \$10.00, *net*.

Boxal. A combined insecticide and fungicide for use on potatoes. Kills slugs and beetles, and prevents blight and rot. Takes the place of Paris Green and Bordeaux Mixture. Sticks on the vines a very long time. 5 lbs. 50 cts.; 10 lbs. \$1.00; 25 lbs. \$2.25; 50 lbs. \$4.25.

Bug Death. (The prices quoted on this article are *net*, and not subject to either of our special offers.) A patented, *non-poisonous powder*, entirely different from anything yet offered for the purpose, and as effectual as Paris Green. It is sure death to the potato, squash and cucumber bugs, currant and tomato worms, also other plant and vine-eating pests. If used according to directions injury cannot result to the most tender plants, and it has a tendency to assist growth. For potatoes a 12½-lb. package is sufficient for an acre. Bug Death may be applied with a shaker or mixed with water and sprayed. 1-lb. box, 15 cts.; 3-lb. box, 35 cts.; 5-lb. box, 50 cts.; 12½-lb. box, \$1.00; 100-lb. keg, \$7.00.

Canker Worm Exterminator. (Morrill's Tree Ink.) A sure protection to trees from the ravages of grub and canker worms. Directions with each can.

2-lb. Cans	. . . \$0.30	10-lb. Cans	. . . \$1.10	125-lb. Kegs, per lb.	. . . \$0.09
3 " "	. . . .45	20 " "	. . . 2.00	460 " Barrels, "	. . . .07
5 " "	. . . .60	28 " "	. . . 2.80		

Caterpillar Lime. (Ermisch's Raupenleim.) This is a German preparation. Recommended by the Royal Ministry of Agriculture, and also by several U. S. Agricultural Experiment Stations, as being superior to any yet offered to prevent the ravages of grubs, canker worms, etc. It is applied in the same way as Tree Ink, and is more lasting and effective. 5-lb. cans, \$1.00; 10-lb. cans, \$1.75; 25-lb. cans, \$4.00; 50-lb. keg, \$6.75; 100-lb. keg, \$12.75; in barrels of about 250 lbs., per lb. 11 cts.

This article is higher in price than other preparations for the purpose, but the long effectiveness of a single application compared with that of others makes it really the cheapest.

See Special Offers on third page of cover.

Carbolic Purifying Powder. For removing unhealthy odors. Small pkg. 25 cts., 6-lb. pkg. \$1.00.

Carbolic, Crystallized. Per lb. bottle 50 cts. *Net.*

Carbolic Solution. Per lb. bottle 40 cts. *Net.*

Copperdine, Powell's. (A Paste.) A combined fungicide and insecticide, used simply by adding water in proportion of one pound of paste to 16 gallons of water. As a fungicide it prevents black rot, downy mildew and anthracnose of the grape, pear leaf blight, apple scab, mildew, pear cracking. As an insecticide it kills codling moths, curculio, pear insects, peach and apple borers, crown borers, leaf rollers. 1-lb. box makes 16 gallons spray, 25 cts.; 5-lb. box makes 80 gallons spray, \$1.00; 25-lb. box makes 400 gallons spray, \$4.50.

Dip, McDougall's Sheep. An effective, non-poisonous preparation for killing vermin on sheep, cattle, and domestic animals. Per lb. 50 cts.; qt. 75 cts.; $\frac{1}{2}$ gal. \$1.50; 1 gal. \$2.50.

Dip, Cooper's Sheep. A world-famous preparation, in powder form. It is easily carried, quickly prepared and most effective. Large pkg., sufficient to make 100 gallons, \$2.00; small pkg., to make 25 gallons, 50 cts.

Disparene. A powerful remedy for all leaf-eating insects; will not injure foliage, and adheres a long time. 2 lbs. 50 cts.; 5 lbs. \$1.00; 10 lbs. \$1.80; 25 lbs. \$4.25; 50 lbs. \$8.00.

Disinfecting Powder, Searle's. A powerful deodorizer, in powder form. Per can, 25 cts.

For other Disinfectants, see Carbolic, Oil of Tar, Sulpho-Naphthol, etc.

Eciffo. A sure cure and prevention of water bugs, cockroaches, etc. Per tin, 50 cts.

Fir Tree Oil. Soluble. An invaluable preparation for destroying all insects and parasites that infest fruit trees, plants and animals, whether on the foliage or at the roots of the plants. Per gal., \$4.00; per qt. \$1.25; pt. 75 cts. $\frac{1}{2}$ pt. 50 cts.

Fostite. Destroys mildew, black rot and rust. A favorite with florists. It is a light powder that can be evenly applied with a bellows. 2 lbs. 30 cts.; 5 lbs. 60 cts.; 25 lbs. \$2.50.

Fungiroid or Dry Bordeaux Mixture. In the form of a fine powder, applied with bellows or a shaker when the foliage is damp. Said to be as effective as the liquid preparation. 1 lb. 15 cts.; 5 lbs. 75 cts.

Fungiroid and Paris Green Compound. An insecticide and fungicide combined. Kills potato bugs and prevents blight, easily applied and desirable for fruit trees, etc. 1-lb. box 20 cts.; 3-lb. box 60 cts.

Grape Dust. Destroys mildew on grape vines. Can also be used in the garden for mould, mildew, or rust mites. 5-lb. pkg. 35 cts.

Hellebore. Breck's Pure Powdered. We furnish a guaranteed pure article, ground from fresh roots. It is easily applied either in liquid or powder form and destroys currant worms, rose slugs, etc. Each package has special directions for its effective use. Packed in 3 sizes, air-tight packages, 10, 15 and 25 cts. each. In bulk, 20 cts. lb.

Kerosene Emulsion. (A Paste.) Ready for use by simply adding water. This is strictly an insecticide for plant lice of all kinds, rose bugs, cabbage bugs, melon insects, fowl, human and animal lice, caterpillars, tobacco flies, peach lice, red spider, green fly and all sucking insects. 1-lb. can makes 10 gallons spray, 15 cts.; 5-lb. can, makes 50 gallons spray, 60 cts.; 25-lb. can makes 250 gallons spray, \$2.50; 300-lb. bbl. makes 3,000 gallons spray, \$24.00.

Kno-Worms, Breck's. A famous preparation that is much used on the lawns and the putting greens of Scotch golf courses. It not only destroys the worms, but prevents their increase and reappearance. It is a concentrated liquid, and is ready to apply when diluted with 100 parts of water. It is effective against cut worms in the garden and anthills on the lawn or elsewhere. 1 qt. makes 25 gallons solution, 50 cts.; $\frac{1}{2}$ gal. makes 50 gallons solution, 85 cts.; 1 gal. makes 100 gallons solution, \$1.50; 5 gals. makes 500 gallons solution, \$6.50.

London Purple. For spraying fruit trees, potatoes, etc. 1 lb., 20 cts.

Lemon Oil. An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. Pt. 50 cts.; qt. 80 cts.; gal. \$2.25.

Nicotide Fumigating Compound. This liquid preparation is used for destroying green and black fly, thrip, mealy bug, red spider, etc. It may be used with every confidence in houses containing the most tender plants in full bloom, without the least damage to either foliage or flowers, and for this reason it is a great boon to growers of all kinds of tender plants which are subject to the attacks of aphids. The vapor given off by the compound does not alter the natural color or scent of the flowers. 1 pt. for 32,000 cubic feet, \$2.50; $\frac{1}{2}$ pt. for 16,000 cubic feet, \$1.25; $\frac{1}{4}$ pt. for 8,000 cubic feet, 70 cts.

HOW TO MEASURE THE HOUSE.—To ascertain how many cubic feet there are within any greenhouse, etc., multiply the length in feet by the breadth in feet, then by the average height; the result being the number of cubic feet.

Fumigators for Vaporizing "Nicotide." These consist of stand, par and lamp. The set 50 cts. In a large house one fumigator should be used for every 5,000 cubic feet, distributing them evenly over the house and using all simultaneously.

NIKOTEEN

A LIQUID INSECTICIDE

Nikoteen. Packed in pint bottles; each bottle contains all the nicotine obtained from 200 pounds tobacco stems. A cheap, clean and safe insecticide. Can be applied by fumigation, or applied locally, diluted as a spray. Pt. bottle, \$1.50.

Oil of Tar. Prepared from coal tar, and retains the carbolic acid of the tar in a harmless form. It mixes with water in any proportion. It is a disinfectant perfect in action, agreeable in odor, non-poisonous, cheap and unsurpassed for use in the home, the stable, kennel, or wherever a disinfectant is required. Circulars detailing its many uses mailed free upon application. Qt. 25 cts.; $\frac{1}{2}$ gal. 50 cts.; gal. \$1.00.

Paris Green and Fungiroid. Per lb. 20 cts.; 3-lb. box, 60 cts.

Paris Green, Breck's Guaranteed Pure. "Towne & Farrar Brand." This is the highest grade of Paris green it is possible to make. It is manufactured from pure material and is always of uniform quality. Be careful of cheap greens and so-called new methods. These products are liable to burn and scorch the leaves. $\frac{1}{4}$ lb. 10 cts.; $\frac{1}{2}$ lb. 15 cts.; 1 lb. 25 cts.; 2 lbs. 45 cts.; 5 lbs. \$1.00.

Pyrox. A combined insecticide and fungicide for use on fruit trees, shrubs and vines, kills leaf and fruit eating insects and prevents scab, rot, mildew, etc. "It sticks like paint." 5 lbs. 75 cts.; 10 lbs. \$1.25; 25 lbs. \$2.50; 50 lbs. \$4.75.

Quassaine. (A Paste.) Ready for use by adding water. This article is a non-poisonous insecticide, a specific for San Jose scale, red spider, aphids, hop lice, borers and scale insects of all kinds. 1-lb. can, makes 25 gallons spray, 25 cts.; 5-lb. can, makes 125 gallons spray, \$1.25.

See Special Offers on third page of cover.

- Slug Shot.** Not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. Price, 1-lb. boxes, 10 cts.; 5-lb. pkg. 30 cts.; 10-lb. pkg. 50 cts.; in barrels of about 225 lbs., per lb. 4½ cts.
- Soap, Pinner's Tobacco.** Manufactured from the essential oil of tobacco, for the destruction of all insects, parasites and their eggs. Per lb. 50 cts.; ½ lb. 30 cts.
- Soap, Whale Oil and Potash. Breck's Special.** For the destruction of San Jose scale and all sucking insects. Lb. 15 cts.; 2½ lbs. 35 cts.; 14-lb. bucket, \$1.50. Special prices on kegs and casks.
- Soap, Sulpho-Tobacco.** (Patented). A superior insecticide and fertilizer. Non-injurious to the tenderest growth. Kills all insect life in the window-garden. Unsurpassed for rose bushes. For domestic purposes, it is valuable as an exterminator of moths, cockroaches, carpet bugs, and is a superior wash for dogs and all animals. Every insect will succumb to this Insecticide. 3-oz. cake, 10 cts.; 8-oz. cake, 20 cts.; 10-lb. can, \$3.00.
- Soap, Fir Tree Oil.** This article contains no poison, yet it is quite effective in destroying red spider, mealy bug, aphids, etc. It can also be used in the garden, against potato bugs, cabbage worms, currant worms, black fly, etc. ½-lb. tin, 25 cts.; 2-lb. tin, 75 cts.
- Soap, Seal Oil.** One of the best general insecticides for pot plants or greenhouse use. It is especially effective on green and black fly, red spider, scale, thrip and currant worms. Directions for use on each package. 1-lb. box, 25 cts.; 5-lb. box, \$1.00.
- Spanish Pink.** A safe and effective article for the destruction of cabbage and web-worms, caterpillars, and other chewing insects that affect cabbage, squash, cucumbers, melons, etc. Non-poisonous. 35c. per lb.
- Sulphate of Copper.** (Blue Stone.) Per lb. 10 cts. *Net.*
- Sulphur, Flowers of.** Used to prevent and cure mildew on plants. 8 cts. per lb.; \$6.00 per 100 lbs. *Net.*
- Tobacco Extract. Rose Leaf Brand.** A perfectly pure aqueous extract, highly concentrated and always uniform in strength of nicotine poison. Destroys green fly, mealy bug, red spider, and scale. Pt. 25 cts.; qt. 45 cts.; 1 gal. \$1.10; 5 gals. \$4.50.
- Tobacco and Sulphur Powder.** Prevents and cures mildew. Kills green and black fly and other insects. 10 cts. per lb.; \$6.00 per 100 lbs.
- Tobacco Dust.** This article varies as much in quality as do cigars. To produce effective results the right kind, and in suitable mechanical condition, must be used. We do not offer *cigar factory sweepings*, but an article especially ground and prepared for our trade from selected ribs and leaves. The two kinds here offered are for different purposes and each does the work it is intended to accomplish perfectly. When using Tobacco Dust on plants and vines outdoors its effectiveness is much increased by sprinkling it with kerosene oil before using. Only a very little oil is necessary; too much will make it sticky and difficult to apply.
- Fine Ground Black.** For dusting on plants, animals, in poultry houses, etc. Per lb. 5c.; 100 lbs. \$3.00. *Net.*
- Fumigating Brand.** (*The kind that burns.*) This is used by gardeners and florists and poultrymen for fumigating greenhouses, poultry-houses, etc. It can be readily lighted and consumes itself without making a flame, throwing off great quantities of smoke. Per lb. 5 cts.; per 100 lbs. \$3.50. *When ordering please state kind wanted.*
- Tobacco Stems.** For fumigating. If used as a mulch around sweet peas and other plants they prevent the destructive work of the wire and cut worms. \$1.00 per bbl.; \$2.50 per bale. \$25.00 per ton. *Net.*
- XL-All Liquid Insecticide.** For syringing, spraying, dipping or sponging. Destroys all insects, especially effective against mealy bug and red spider. Can be used without injury in graperies, even when the fruit is in an advanced stage of growth. Pt. 65 cts.; qt. \$1.00.
- XL-All Vaporizing Compound.** This is an English preparation, that at the first glance has a high-priced appearance. The safety with which it can be used, its never-failing effectiveness and the ease with which it can be applied as an insecticide place it at the head of the first rank. It is cheaper, results considered, than any other vaporizing compound and there is no other like it. Its action is positive on *Mealy Bug, Thrip, and all kinds of Aphids*. Price per bottle No. 1, \$6.50; No. 2, \$3.25; No. 3, \$1.65; No. 4, 90 cts. The smallest bottle is sufficient to fumigate 5,000 cubic feet.
- Fumigators.** With lamp for vaporizing: large, \$1.00; medium, 85 cts.
- Tough on Flies.** *This is the original preparation for the purpose of preventing insects attacking horses, cattle and other domestic animals. We have sold it for ten years; each year with largely increased sales. We confidently recommend it, as experience has proven it to be as represented, in every particular. Recommended by thousands using it. One gallon lasts four head of horses or cattle an entire season. Price of "Tough on Flies": Qt. cans, 50 cts.; ½ gal. cans, \$1.00; 1 gal. cans, \$1.50, and five gal. cans, \$1.40 per gal.*

Victor Fly Driver.

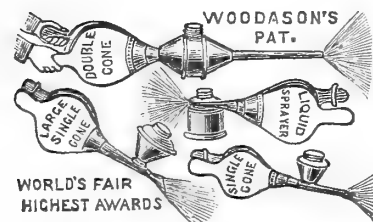
The *Rural New-Yorker* says: "Fly time is with us again, and no small expenditure will bring back so large a profit as a few dollars invested in some of the good fly preparations to make the cows comfortable and happy. The result will show in the milk pail." **This of course applies directly to Victor Fly Driver.**

Safe to use, thoroughly effective and cheaper than any other first class preparation for the purpose on the market. Put up in 1 gal. cans only. Price 75 cts.

Insecticide Distributors.

Bellows, Woodason's, for Liquid and Powder. These are really high grade goods that will, with proper care, last many years and do satisfactory work.

Small Single Cone for applying powder, each	\$1.25
Large " " " " " "	2.25
Double Cone " " " " " "	3.25
Sulphur Bellows, each	1.75
Large Liquid Spraying, each	2.25
Medium Liquid Spraying, each	1.75
Small " " " " " "	1.25



Bellows, Houchin's Insect Powder. Strongly made of good material. These will be found very serviceable for applying insecticides in powder form.

No. 9, holds 2 oz. powder, Each	\$0.50	No. 16, holds 6 oz. powder, Each	\$1.10
" 11, " 3 " " " " "	.75	" 19, " 8 " " " " "	1.25
" 14, " 4 " " " " "	.90	" 22, " 12 " " " " "	1.50



See Special Offers on third page of cover.

Dusters, Tin. These have finely perforated bottoms for applying Paris Green.

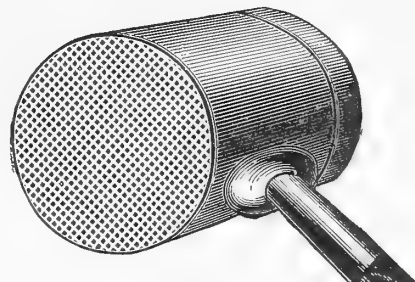
Slug Shot, etc. 20 cts. each. *Net.*

Dickey's Bug Death Shaker. The best thing in the way yet offered, Every person who has a garden will want one. Price, 25 cts. *Net.*



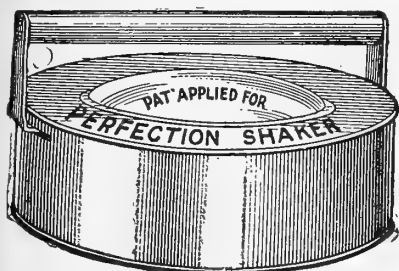
an angle that enables the operator to apply either powder or liquid over or under the leaves \$1.00 each.

Powder Puff, Scollay's Insect. This is a large, strong rubber bulb, with long metal neck and distributor set at



Shaker Perfection Powder. This is well named "Perfection," for it is the most perfect and easiest to use of any shaker yet offered. It was gotten up especially to apply Bug Death, but it will be found useful for applying Plaster Dust, Paris Green and Plaster or any other powder. The bottom is made of copper and finely perforated. The powder is distributed by a swinging, semi-circular motion. Each, 65 cts. *Net.*

Special Offer No. 3 only applies on above goods.



FERTILIZERS.

BRECK'S LAWN AND GARDEN DRESSING.

The verdict of all who have used Breck's Lawn and Garden Dressing is that it is the most complete and satisfactory Lawn Dressing ever placed upon the market. It is manufactured expressly for us and we vouch for its containing all the constituents required to produce a luxuriant growth. We believe beyond a question that ours is the only absolutely odorless Lawn Dressing. It is also so clean that the most fastidious person can apply it without offending the organs of sight and smell. It being quick in action, the effect can be seen immediately after the first rain or the sprinkling of the hose, and going directly to the roots of the grass, stimulates them to greater activity, thereby thickening the sward and producing a finer growth, which remains rich, green and velvety throughout the season. Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. In making new lawns apply at the same time the seed is sown and rake in with the seed. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower. It is equally as suitable for flower beds and all vegetable crops as for the lawn.



FOR LAWNS.		FOR FLOWER BEDS AND THE KITCHEN GARDEN.	
Trial bag for 1,000 square feet . . .	\$0.50	25-lb. bags for 600 square feet . . .	\$1.00
" " 2,500 " . . .	1.00	50-lb. " 1,200 " . . .	1.75
50-lb. bags for 5,000 sq. ft. . . .	1.75	100-lb. " 2,500 " . . .	3.00
100-lb. " 1/4 acre	3.00	200-lb. " 1/2 acre	5.50

BRECK'S MARKET GARDEN MANURE.

Not subject to either of our special offers, but a discount of 5% may be deducted when cash accompanies order.

A high grade, properly balanced, chemical fertilizer that is especially recommended to market gardeners and farmers for potatoes and all vegetable crops. We sold large quantities of it last year, and already we have had many testimonials, also increased orders from those who had it for use this Spring. *It is beyond a question the best value offered in Chemical Fertilizers.* 50 lbs., \$1.00; 100 lbs., \$1.80; ton, \$34.00.

PERUVIAN GUANO.

For a number of years there has been some difficulty in obtaining a desirable grade of this article. When a good quality is to be had there is much satisfaction resulting from its use, especially on early vegetables and quick growing crops. We have made arrangements with the importer of the *best brand* that sells so freely in Britain and offer our patrons the *genuine "Peruvian"* in original bags.

Per ton, \$50.00; per 100 lbs., \$3.00 *net.*

UNLEACHED HARD WOOD ASHES.

Our trade in this valuable fertilizer has grown to such an extent that we have for a number of years had an experienced agent employed in Canada collecting the purest, driest and choicest grade of Hard Wood Ashes that is obtainable. We guarantee the percentage of potash and to insure against too much water we accept none that contain more than 12 per cent moisture. *We quote special prices on car loads in bulk delivered anywhere.* Price per ton, in sacks, f. o. b. Boston, \$15.00 *net*; per sack, f. o. b. Boston, \$1.50 *net.*

See Special Offers on third page of cover.

STOCKBRIDGE MANURES AND BOWKER'S PHOSPHATE.

Stockbridge Potato Manure,	for one acre without stable manure, 1,000 to 1,500 lbs.	} Stockbridge Special Manures.
Stockbridge Corn Manure,	“ “ “ 600 to 1,200 lbs.	
Stockbridge Grass Manure, Top Dressing,	“ “ “ 300 to 600 lbs.	
Stockbridge Asparagus Manure,	“ “ “ 1,200 to 2,000 lbs.	
Stockbridge Celery Manure,	“ “ “ 1,500 to 2,000 lbs.	
Bowker's Hill and Drill Phosphate. Per 50-lb. bag, \$1.00; 100-lb. bag, \$1.80; per ton, \$34.00.		

The prices are NET, F. O. B. BOSTON, and not subject to our special offers, but a discount of five per cent may be deducted when cash accompanies order.

MAPES MANURES.

These Manures and Superphosphates are fine, dry, in superior mechanical condition for use in machine drills, or for application by hand. They are free from stickiness and dampness. Packed in bags weighing 100 lbs. each.

Each bag is plainly branded, besides having a tag attached, upon which is printed the *Guaranteed Analysis and full directions for use.*

The basis of the Mapes Manures is Bone; no Rock used.

We are the sole Boston agents, also for some other New England sections. Pamphlets giving full information in regard to the manures mailed free.

Our special offers do not apply to Mapes Manures, but we allow five per cent discount for cash payments F. O. B. Boston.

Potato Manure. Ammonia, 4.50 to 5 per cent; phosphoric acid, 8 to 10 per cent (soluble and available, 8 per cent); soluble potash, actual, 6 to 8 per cent, all as high grade sulphate and in forms free from muriates (or chlorides); magnesia, lime, etc., 77 to 81 per cent. For Irish and sweet potatoes, also for asparagus, early vegetables, tomatoes, sugar beets, fruits, sorghum, sugar cane, sweet corn, etc. Per bag of 100 lbs., \$2.20; three bags and over, \$42.00 per ton.

Economical Potato Manure. Ammonia, 4 to 5 per cent; phosphoric acid, 6 to 8 per cent (soluble and available, 4 to 5 per cent); soluble potash, actual, 8 to 10 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). Per bag of 100 lbs., \$2.00; three bags and over, \$38.00 per ton.

Fruit and Vine Manure. Ammonia, 2 to 3 per cent; phosphoric acid, 7 to 9 per cent (soluble and available, 5 to 7 per cent); soluble potash, actual, 10 to 12 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For insuring fruiting power, particularly in quality of fruit in vineyards (grapes), pears, apples, plums, strawberries, and all small fruits. Is slow in effects. Per bag of 100 lbs., \$2.20; three bags and over, \$42.00 per ton.

Vegetable Manure, or Complete Manure (for light soils). Ammonia, 6 to 8 per cent; phosphoric acid, 8 to 10 per cent (soluble and available, 6 to 8 per cent); soluble potash, actual, 6 to 8 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). This is our special manure on all kinds of soils, for truck, early vegetables, onions, celery, tomatoes, also on light soils for oats, hops and barley. All vegetables require liberal supplies of soluble potash and in the proper form. Even with heavy or clay soils the natural supplies of potash are insufficient. Per bag of 100 lbs., \$2.30; three bags and over, \$44.00 per ton.

Complete Manure (for heavy soils). Ammonia, 6 to 7 per cent; phosphoric acid, 10 to 12 per cent; (soluble and available, 8 to 10 per cent); soluble potash, actual, 3 to 4 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For any soils where small quantity of potash but large quantities of ammonia and phosphoric acid are required. It is very safe for use around young plants, nursery stock, strawberry vines. It is very forcing. Special for early turnips. May be used for oats, hops, barley, also as a top dressing for grass, and as a forcing manure for all vegetables and fruits at all times. Per bag of 100 lbs., \$2.20; three bags and over, \$42.00 per ton.

Complete Manure (for general use). Ammonia, 4 to 5 per cent; phosphoric acid, 10 to 12 per cent (soluble and available, 8 to 10 per cent); soluble potash, actual, 4 to 5 per cent. A substitute for stable manure. For use on all crops and all soils with or without stable manure. Use broadcast; if any in hills, use sparingly. Special for oats, Hungarian grass, vegetables, melons, tomatoes, and seeding with or without grain. Per bag of 100 lbs., \$2.10; three bags and over, \$40.00 per ton.

Complete Manure ("A" Brand). Ammonia, 3 to 4 per cent; phosphoric acid, 12 to 16 per cent (soluble and available, 10 to 12 per cent); soluble potash, actual, 2.50 to 3.50 per cent. Specially adapted for use in hill or drill on all crops, particularly in connection with farm manures. Special for peas, beans, buckwheat and turnips. Per bag of 100 lbs., \$1.95; three bags and over, \$37.00 per ton.

Average Soil Complete Manure. Ammonia, 5 to 6 per cent; phosphoric acid (soluble and available), 7 to 8 per cent; soluble potash, actual, 5 to 6 per cent, all as high grade sulphate and in forms free from muriates (or chlorides). For onions, tomatoes, vegetables of all kinds, Irish and sweet potatoes, fruits and cranberries. A substitute for stable manure. Special for tobacco on heavier soils. Per bag of 100 lbs., \$2.00; three bags and over, \$38.00 per ton.

Corn Manure. Ammonia, 3 to 3.50 per cent; phosphoric acid, 10 to 12 per cent (soluble and available, 8 to 10 per cent); soluble potash, actual, 6 to 7 per cent. Also for sweet corn, fodder corn, Hungarian grass, millet, late turnips, late cabbage, and seeding to grass. Per bag of 100 lbs., \$1.95; three bags and over, \$37.00 per ton.

Cauliflower and Cabbage Manure. Ammonia, 5.50 to 6.50 per cent; phosphoric acid, 6 to 8 per cent; actual potash, 8 to 10 per cent. Per bag of 100 lbs., \$2.10; three bags and over, \$40.00 per ton.

Grass and Grain Spring Top Dressing. Ammonia, 5 to 6 per cent; phosphoric acid, 7 to 9 per cent; actual potash, 5 to 7 per cent. Per bag of 100 lbs., \$2.25; three bags and over, \$43.00 per ton.

Cereal Brand. Ammonia, 2 to 3 per cent; phosphoric acid, total, 8 to 10 per cent (soluble and available, 6 to 8 per cent); soluble potash, actual, 3 to 3.50 per cent. For wheat, rye, corn, oats, buckwheat, and all farm crops, particularly where farm manures are used. Specially adapted for use in hill or drill. Per bag of 100 lbs., \$1.75; three bags and over, \$33.00 per ton.

See Special Offers on third page of cover.

BRADLEY'S FERTILIZERS

Are guaranteed to contain more plant food in a better mechanical condition and of higher agricultural value than any other fertilizers in the world, and they are, therefore, as the New England Homestead affirms "the most economical to use."

Do not be misled into purchasing unknown fertilizers of uncertain value, but buy Bradley's Fertilizers which have grown large crops of superior grass, grain, and vegetables, on thousands of farms all over New England for more than thirty years.

Among their leading brands are:

BRADLEY'S SUPERPHOSPHATE

Bradley's Superphosphate, the pioneer of the fertilizer industry in the United States, has been more extensively used than any other brand of fertilizer in the world.

From its unvarying quality and uniform condition it has gained the name that more plainly bespeaks the estimate in which it is held among the farmers than volumes of praise,—"the Old Reliable."

BRADLEY'S POTATO MANURE

For Growing Smooth, Sound Potatoes of the Best Quality Without Barnyard Manure.

Bradley's Potato Manure is in no sense a theoretical or experimental mixture, but is prepared from formulas which repeated *field tests* have proven will produce the largest crops of smooth, sound potatoes.

The universal testimony of leading farmers is convincing that it gives the best of satisfaction, and at a considerable saving in cost over many of the high-priced special "potato manures" whose alleged scientific combination is their principle claim to the farmers' patronage.

BRADLEY'S COMPLETE MANURES

For Potatoes and Vegetables.—For Corn and Grain.—For Top-Dressing Grass and Grain, With 10 per cent. Potash.

These manures are the richest and most concentrated fertilizers sold, as has been abundantly proven by actual results in the field. They are manufactured from the very best plant-food materials obtainable, combined in such form and proportions as long practical experience has proven will yield the largest crops of the best quality.

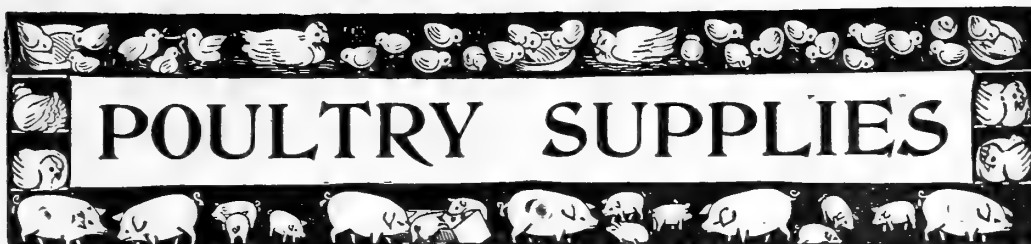
Send to us for finely Illustrated pamphlets, describing all of their brands, and let us quote you prices on all of these unequalled fertilizers before purchasing elsewhere.

PRICES FOR BRADLEY'S STANDARD FERTILIZERS.

Bradley's Superphosphate	. . . . .	50 lb. bag, \$1.00	100 lb. bag, \$1.80	ton \$34.00
Bradley's Potato Manure	. . . . .	" " 1.00	" " 1.80	" 34.00
Bradley's Complete Manure for Potatoes and Vegetables	. . . . .	" " .	" " 2.00	" 38.00
Bradley's Complete Manure for Corn and Grain	. . . . .	" " .	" " 2.00	" 38.00
Bradley's Complete Manure for Top Dressing Grass and Grain	. . . . .	" " .	" " 2.00	" 38.00
Bradley's Complete Manure with 10 per cent. Potash	. . . . .	" " .	" " 2.00	" 38.00
Bradley's High Grade Tobacco Manure	. . . . .	" " .	" " 2.35	" 48.00
Bradley's Seeding-Down Manure	. . . . .	" " .	" " 1.80	" 34.00
Bradley's Bone Fertilizer	. . . . .	" " .	" " 1.80	" 34.00
Bradley's Eclipse Phosphate	. . . . .	" " .	" " 1.50	" 28.00
Bradley's Grass and Lawn Fertilizer	. . . . .	" " .	" " 1.90	" 36.00

These prices are not subject to Special Offers, but we allow a discount of 5 per cent. when cash accompanies order.

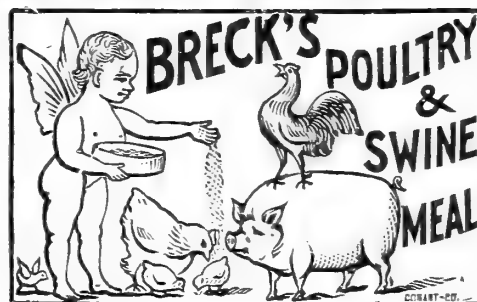
See Special Offers on third page of cover.



We carry the most complete line in the world.

(Prices subject to change.)

Breck's Poultry and Swine Meal. *This is the original German "Thieren Mehl," or meal made from meat and animal matter.* It is superior to the many imitations that have been put on the market since we introduced it; and is the most complete animal food for poultry obtainable. It is concentrated, pure, palatable and produces satisfactory results when fed according to directions. We offered it first to the American public in 1892, but it has since that time, through merit, found its way into the yards of the most progressive poultrymen in the country. A reasonable trial will convince you that it is the *best meat or animal matter meal on the market.* Trial bag (a month's supply for thirty hens) \$1.00; 50 lb. bag \$1.35; 100 lbs. \$2.25.



We have used and sold all the leading brands of Animal Meal, but must say that yours has given the best satisfaction.

W. H. EMERY & SON, Kennebunkport, Maine.



Breck's Cereal Chicken Feed. The real secret in feeding poultry at any and all stages of growth is to understand the different results produced by the various kinds of food, and use in properly balanced proportion the kinds that supply the materials necessary to bring about the end desired whether it be for the growth of newly hatched chicks, the fattening of the broiler, or getting maturity for early laying. Some knowledge of chemistry as well as practical experience in feeding and observation are required to obtain these conditions. We possess these, and through

their successful application are able to offer in the preparation known as *Breck's Cereal Chicken Feed* the most scientific combination of specially prepared cereals for chickens on the market. Great care is exercised in selecting only *pure, sweet and clean grains*, although generally at a higher cost than the quality likely to enter into the average mixed grain foods found on the market, because failure and death in the flock is frequently caused by impure, musty and badly balanced foods. It is in itself a sufficient food to carry the chicks from the shell to maturity in the shortest possible time and with best results as to health, no matter whether the birds are wanted for broilers or early laying. It is used in large quantities by the most successful poultry men in the country, and is, beyond a ques-

tion, the most desirable cereal food on the market. 50 lb. bag, \$1.35; 100 lb. bag, \$2.50. *Net.*

Breck's Alfalfa and White Cut Clover and Clover Meal. Eggs in winter, when prices are high, is the aim of every poultry keeper. Failure to procure them is generally caused by lack of proper conditions in housing and a shortage of the materials from which the hens make eggs. Warm, clean houses, with good ventilation but no drafts, sufficient food which contains the ingredients of the egg and also furnishing heat and repairing daily tissue waste are required, but the food must be so balanced that there is no great excess of either heat or fat producing constituents, otherwise success will not be met with. Cut Clover or Clover Meal is an essential part of the ration because they act as a tonic and contain albuminoids, in an easily digested and assimilated form, for the production of the white and yolk as well as lime for the shell. The nitrogen, sulphur, phosphates, magnesia, soda, potash and carbon in clover, when the clover is of the best sorts, cut at the right time, cured and prepared in the correct way, give results in health and production that are unattainable when clover does not form a part of the ration. But aside from the fact of its value as a food we must bear in mind that there is as much difference in the quality of clovers as there is in wheat and corn. Recognizing the difficulty in obtaining a first-class article we were led to investigate the whole subject and as a result learned that a mixture of clovers gives better results than the Red Clover hitherto offered. Therefore, we have had grown, on suitable soil, especially for our own trade a large acreage of Alfalfa, White and Red Clovers. The two sorts first named contain less water, less crude fibre and less fat than the red. They are higher in nitrogen and albuminoids besides being more easily digested. Combined in the proportion that a special experience of two years' feeding has shown to be best, we offer Breck's Alfalfa and White Clover preparations feeling assured that they are *superior to any green feed* on the market. We exercise care to have the several crops cut at the proper stage of growth and under rather than overcured. We feel sure our many poultry-keeper friends will appreciate the excellence of these clover mixtures and see when buying that spurious brands or inferior grades are not substituted. A reasonable trial only is necessary to demonstrate their superiority. When buying be sure to ask for and get only Breck's Alfalfa and White Cut Clover and Breck's Alfalfa and White Clover Meal. Every bag is branded. *See next page.*



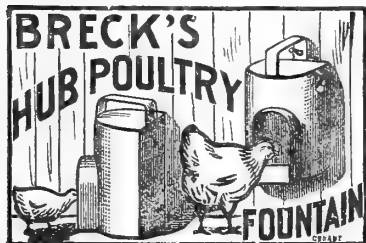
Poultry Supplies, except as marked Net, are subject to offer No. 1 in N. E. Outside of N. E. offer No. 3 only applies.

See Special Offers on third page of cover.

Breck's Alfalfa and White Cut Clover and Clover Meal. — Continued.

Directions for feeding:—Pour on boiling hot water, cover, let steam an hour, then mix with usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Per 50 lb. bag, \$1.00; 100 lb. bag, \$1.80; 500 lbs., \$8.00. *Net.* Special price on larger quantities quoted upon application.

Breck's Eureka Egg Food. This preparation stands without a rival, as hundreds of those who have used it testify. It aids digestion, prevents and cures many diseases common to fowls, and although the best food known to produce eggs, it does not destroy the fertility of the egg. Sample box by mail on receipt of 25 cents. 1 lb. box, 25 cents each; if by mail, 40 cents each; 2½ lb. box, 50 cents each; by mail, \$1.00 each; 6 lb. box, \$1.00 each; 10 lb. box, \$1.50 each; 25 lb. kegs, \$3.50 each.



Breck's Hub Poultry Fountain. This fountain is made of the best galvanized iron, is very strong, easily cleaned, quickly filled, and is equally serviceable for both chickens and adult fowls. (See cut.) For practicability, durability and convenience this fountain is vastly superior to all others. It does not require the attention that is necessary when shallow dishes are used. Dampness is fatal to chicks and often causes roup, therefore it is important to have a supply of water in vessels that can be drunk from freely but which do not allow the fowls to get wet. ½ gal., 50 cents each; 1 gal., 75 cents each; 2 gal., \$1.25 each. Special prices per dozen or 100 upon application.

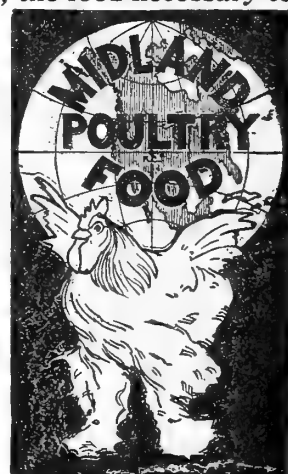
BRECK'S SEED AND CEREAL CHICK FEED.

This is a properly proportioned mixture of many kinds of seeds and cereals of the right size and appearance. ***It will meet every demand of the growing chick, and supply, without excess of fat, the food necessary to produce and sustain vigorous health.*** There is nothing in this preparation that is at all likely to induce indigestion or diarrhoea, but on the contrary, it is so balanced in its constituents as to in a large measure make these troubles impossible where cleanliness and proper brooding conditions exist. It also contains the bone-forming properties that prevent leg weakness. It is high in protein, the flesh and muscle forming elements. There is sufficient ash or mineral materials to fully supply the needs of the bone structure of the rapidly growing chicks, while it is low in carbohydrate, the fat-forming element, which, where in excess, causes sickness and loss. It has a bright and sparkling appearance that at once attracts the chicks. In fact, this feature is so predominant that the chicks will choose Breck's Seed and Cereal Chick Feed in preference to others if several kinds are placed before them at the same time. ***No other feed is necessary for the first eight or ten weeks.***

Always feed Breck's Seed and Cereal Chick Feed dry — *never wet it.*

Full directions for feeding with each bag.

Per 100 lbs. \$2.50 net.

MIDLAND POULTRY FOOD.

These preparations are now used by practical poultry keepers, who are in the business for money, from Maine to California. THEY HAVE NO COMPETITION BECAUSE THERE IS NOTHING LIKE THEM OFFERED.

We are the Manufacturers' New England Agents.

When these foods were first offered us we were somewhat sceptical regarding their value because of the many new and unusual claims made for them. We told the manufacturers to prove their claims by making us a shipment for test. This they gladly did, and we sent out fifty bags to as many poultry keepers, with the result that we were soon in receipt of orders from all of them for more Midland Poultry Food. Thus assured of the merit of the goods we felt encouraged to buy in carloads and we are glad to state that we find an ever-increasing sale. Almost without exception a trial of the food has resulted in continued and larger orders. These preparations are different from anything hitherto offered.

Ten years ago Dr. Petros F. Nishkian, one of the best organic chemists in this country, who for thirteen years filled the position of analytical and organic chemist to the Armour Packing Co., began the study of this question with a determination to solve it. His duties were largely in the analysis of animal products and vegetable and grain foods and their economic adaptation to specific uses.

After an exhaustive study and analysis of all the sources of supply and a physiological study of the fowl, accompanied with a practical application of various combinations of the different food constituents, he finally arrived at what has proved itself to be a *perfectly balanced ration*—a correct working basis—an absolute nutritive ratio for each specific purpose.

Practical poultry men were called in to assist in carrying out the work, and theory and practice made to conform. The results of this labor are now before you in the specific foods we offer.

Our aim has been to ascertain the exact proportions of proteids, carbo-hydrates and fats absolutely necessary over and above the normal requirements in order to obtain specific results. The ratio so determined is called a *balanced ration*.

Eleven Formulas — Each Brand a Perfect Food for a Specific Purpose.**MIDLAND BRANDS.**

- 1—Nursery Chick Food.
- 2—Growing Chick Food.
- 3—Fattening Chick Food.
- 4—Egg and Feather Producing Food.
- 5—Nursery Duckling Food.

1 bag, \$2.00; 5 bags, \$1.85 per bag. *Net. Special price on large quantities.*

- 6—Growing Duckling Food.
- 7—Fattening Duckling and Goose Food.
- 8—Laying Duck Food.
- 9—Stock Duck's Summer Food.
- 10—Growing Gosling Food.

11—Grenadier Meal.

The most successful food ever offered for stuffing and fattening broilers, roasters and fowls. Per bag, \$3.00 net.

See Special Offers on third page of cover.

CHAMBERLAIN'S PERFECT PREPARATIONS.**THESE GOODS HAVE ATTAINED POPULARITY ON THEIR MERIT.**

Chamberlain's Perfect Chick Feed. This feed is dry, and always ready for use. Directions for feeding in every bag. 100 lb. sack, \$2.50. *Net.*

Chamberlain's Perfect Hen Feed. A complete feed, containing bone, meat, grit and shell. A perfect scratching feed. Directions in every bag. 100 lb. sack, \$2.00. *Net.*

Chamberlain's Perfect Mash Egg Feed. Will furnish your fowls at all times of the year with meat and green stuff. Should be fed the midday meal. 2 bush. sack, \$1.75. *Net.*

H. O. Cereal Poultry Food. A popular cereal preparation. 100 lb. bag, \$2.00.

Shredded Wheat Poultry Food. Contains all the qualities of the famous Shredded Wheat Biscuit. 100 lbs., \$1.75

Ground Oyster Shells. 100 lb. bag, 65 cts. per 100 lbs.; in bbls. of 250 lbs., 65 cts. per 100 lbs.

Mica Crystal Grit. 50 lb. bag, 50 cts.; 100 lbs., 80 cts.

Cracked Poultry Bone. Per bbl. of about 200 lbs., \$2.25 per 100 lbs.

Bone Meal for Poultry and Cattle. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25; per bbl. of about 200 lbs., \$2.25 per 100 lbs.

Flour of Bone. 50 lb. bag, \$1.25; 100 lb. bag, \$2.25; per bbl. of about 200 lbs., \$2.25 per 100 lbs.

Raw Bone, Cracked. 100 lb. bag, \$2.25.

Green Cut Bone, Fresh. We cut this to order only to ensure delivery of sweet, fresh goods. 50 lbs., \$1.75; 100 lbs., \$3.00.

Ground Beef Scraps. Always freshly ground from the best kettle-rendered cake scrap. 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; ton, \$45.00.

Animal Meal. 25 lb. bag, \$0.75; 50 lb. bag, \$1.35; 100 lb. bag, \$2.25.

Meat Meal. 25 lb. bag, \$1.00; 50 lb. bag, \$1.35; 100 lb. bag, \$2.25.

Poultry and Swine Meal. BRECK'S. Trial bag, \$1.00; 50 lbs. \$1.35; 100 lbs. \$2.25.

Green's Poultry Food. A mixture of granulated cereals, grand as a scratching food for both chicks and adult fowls. Per 50 lb. bag, \$1.35; 100 lbs., \$2.50. *Net.*

Spratt's Food. The celebrated English preparation; nothing equals it for young chicks. 50 lb. bag, \$3.25; 100 lbs., \$6.00.

Barley. 85 cts. per bu. *Net.*

Buckwheat. \$1.00 per bu. *Net.*

Peas. Small white Canada, \$1.75 per bu. *Net.*

Sunflower. Large Russian, \$1.25 per bu.

Millet. Golden, for chickens, \$1.50 per bu. of 50 lbs. *Net.*

Kaffir Corn, or White Sorghum. Per 100 lb. bag, \$1.75. *Net.*

Wheat. \$1.75 to \$2.00 per 100 lbs., according to quality. *Net.*

Sheridan's Condition Powders. 25 cts. and \$1.00. *Net.*

Conkey's Poultry Tonic. The manufacturer says this is the greatest egg producer ever discovered. Price, 25 cts. *Net.*

Conkey's Roup Cure. The only remedy positively known to cure Roup in all its forms, as long as the fowl can see to drink. FOR CANKER, especially in pigeons, this cure excels all others. One 50 cent package makes 25 gallons of medicine. Directions with every package. Small size, 50 cents; large size, \$1.00.

Rust's Egg Producer. 1 lb. box 25 cents each, if by mail, 44 cents; 2½ lb. box, 50 cents each, if by mail, \$1.00; 6 lb. box, \$1.00; 10 lb. box, \$1.50; 25 lb. kegs, \$3.50.

Rust's Havens' Roup Pills. These pills act directly on the glands and mucous membrane, allaying all tendencies to fever and carrying off all morbid matter from the system. Box of 48 pills free, by mail, 25 cts. Large size, \$1.00.

Rust's Havens' Climax Condition Powder. Small package, 25 cents, if by mail, 50 cents; 2 lb. box, 50 cents, if by mail, 85 cents; 5 lb. box, equal to 6 25 cent packages, \$1.00.

F. P. C. Chick Manna. 1 lb., 10 cts.; 5 lbs., 40 cts.; 15 lbs. \$1.10; 60 lbs. \$4.20. *Net.*

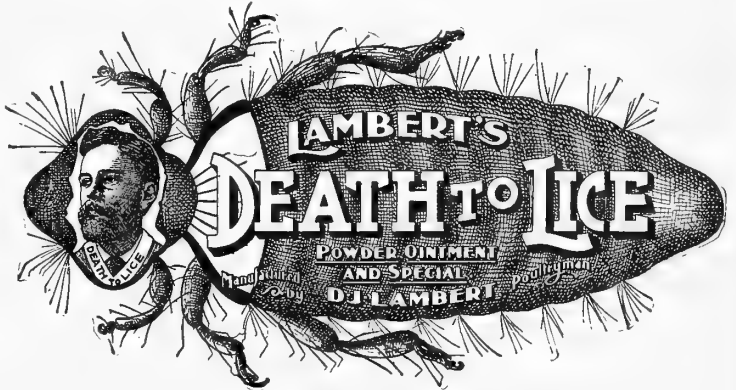
Charcoal, Granulated. Per lb., 7 cts.; per 100 lbs., \$5.50. *Net.*

Charcoal, Powdered. 6 cts. per lb.; per 100 lbs., \$4.50. *Net.*

Charcoal, Lambert's Condimented. The best remedy for indigestion, sour crop, black head and cholera. It renovates the system, removes impurities and enriches the blood. Small size, 10 cts.; large size, 25 cts.

Carbolic Crystallized. 50 cts. per bottle, bottle included. *Net.*

Carbolic Purifying Powder. Trial pkg., 25 cts., if by mail, 40 cts.; 6 lb. pkg., \$1.00, if by mail, \$2.00.



Death to Lice. 15 oz. box, 25 cts., if by mail, 40 cts.; 3 lb. pkg., 50 cts., by mail, \$1.00; 100 oz. pkg., \$1.00.

Death to Lice, Special. A preparation containing all the qualities of the famous "Death to Lice Powder," but which is soluble in kerosene oil and can be used to paint or spray roosts and interiors of poultry houses. 1 lb. box, 25 cts., if by mail, 40 cts.

Death to Lice Liquid. This has been prepared by Mr. Lambert to meet the demand for a lice killer in liquid form. It is good. 1 qt., 35 cts.; ½ gal., 60 cts.; 1 gal., \$1.00. *Net.*

Death to Lice Ointment. For use on young chicks. Per box, 10 and 25 cts.

Orr's Liquid Lice Killer. This preparation possesses more points of real merit than any other liquid or paint lice destroyer before the public. It is of great strength and purity; it does its work by evaporating—the fume killing all lice. It can be used in three different ways, thus making it suitable for varying conditions. Full directions for each method, also for using it upon chicks, will be found on each can. 1 qt., 35 cts.; ½ gal., 60 cts.; 1 gal., \$1.00; 5 gals., \$4.00. *The fact that Mr. Cooper of the Prairie State Incubator Co. is interested in the manufacture of Orr's Lice Killer is a guarantee of value and usefulness.*

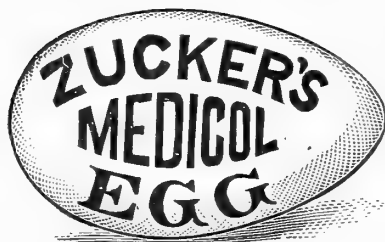
Sulpho-Naphthol. This preparation, originated by the late Dr. Cabot, is recommended for a great many purposes. It cleans and heals all sorts of cuts, bruises and sores. It is sure death to all kinds of bacteria and insects and is unsurpassed as a disinfectant. For domestic animals, poultry and poultry houses it is the thing. 50 ct. bottle makes 10 gals.; \$1.00 can, 50 gals. solution; 1 gal. can, \$2.25.

See Special Offers on third page of cover.

Oil of Tar. A new coal tar preparation somewhat similar to Sulpho-Naphthol. Per qt. 25 cts.; ½ gal. 50 cts.; 1 gal. \$1.00. *Net.*

Plaster. Land. A valuable absorbent; when mixed with the droppings it deodorizes, also enhances their value as a fertilizer. Per 100 lb. bag, 50 cts.; per ton, \$8.00. *Net.*

Nest Eggs, China. Per doz., 40 cts. *Net.*



Medicol Nest Eggs.

These are medicated eggs, but entirely different from anything that has hitherto been offered. They can be cleaned without injury, are lasting, effective, and appreciated by chickens and adult

fowls. No hen should be set without one of these in the nest as a preventive of vermin. One placed in a bird cage keeps it sweet and the bird free from insects. They drive away lice from pot plants, prevent moths from attacking furs or other clothes when packed away, and are also valuable as a disinfectant. 10 cts. each; \$1.00 per doz.

Bellows, Spraying. \$1.25 to \$2.25.

Bellows, Houchin's Patent Powder. 50 cts., 75 cts., \$1.10 and \$1.50.

Leg Bands. THE FAMOUS PHOENIX, secure, neat, light and superior to all others. Numbered to order. Per doz., 25 cts.; per 100, \$1.50.

Leg Bands, Aluminum, for Pigeons. Seamless, per doz., 40 cts.; per 100, \$2.50. Open, per doz., 30 cts.; per 100, \$1.50.

Leg Bands, Aluminum, for Poultry. Per doz., 30 cts.; per 100, \$1.50.

Eclipse Leg Bands. (Made of Aluminum.) No. 1 for Bantams, No. 2 for Mediterraneans, No. 3 for American females, No. 4 for American males, Asiatic females, small turkeys, No. 5 for Asiatic males and turkeys. We number them to order. Per doz., 25 cts.; 50, 75 cts.; 100, \$1.25.

Climax Leg Bands. A thick brass wire goes around the leg which is locked securely by the attaching of the tag bearing number. All sizes. Doz., 25 cts.; 50, 75 cts.; 100, \$1.25.

Nests, Wire. Strong and clean. Each, 50 cts.

Guns, Insect Powder. 2 oz. size, 15 cts. each.

Stone Drinking Fountain. This fountain is of the best patent stoneware and is very desirable.

½ gallon each	Net Price, \$0.30
1 " " " " " "	" " .35
2 " " " " " "	" " .40

Pumps, Breck's Hand

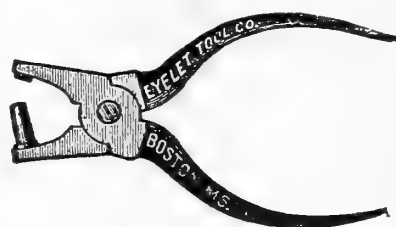
Force is a double-acting portable force pump. It is made of brass, and therefore impervious to the action of acids and liquids, and will not rust or corrode. Pump is placed directly in water or other liquid, ensuring a perfect suction. It is furnished complete with malleable foot-rest and suitable nozzles for a solid stream and large spray. Pump may be used for washing windows, wagons, in conservatories, gardens, etc., and for general spraying purposes. Price, \$4.50 each.



"E. H. M." Stone Fountains. Made of glazed stoneware, in two pieces; a saucer and an inverted cup, finished off on top to prevent roosting. Strong, cheap, easily cleaned and quickly filled. The best stoneware

fountain yet offered. The one quart size is especially suitable for pigeons. 1 qt. 20 cts.; 2 qts 25 cts.; 1 gal. 30 cts.; 2 gals. 45 cts. *Net.*

Sanitary Fountain. Square in form, made of galvanized iron, in two pieces, easily cleaned and filled. 1 gal., 60 cts.; 2 gals. \$1.00. *Net.*



birds or any particular hatching of them. By mail 50 cents.

Punch, Breck's Improved Spring Lever. Works on the principle of a conductor's punch, and does perfect work. Its use enables poultrymen to identify their own



Lehman's Heaters. Put one of these heaters in each poultry house on cold nights and there will be no frozen combs. The use of Lehman's Heaters and Coal is no longer an experiment. Their practicability and usefulness have long since been demonstrated. The fact that 125,000 Heaters are in actual use, with an average yearly sale of 10,000 Heaters and ½ million pieces of coal, speaks more for their merits than thousands of testimonials.

Lehman's Heater (except No. 10) is a metallic case 7¼ inches wide, 3½ inches deep, and from 14 to 20 inches in length. The top is oval, giving the feet a comfortable resting place. These Heaters, which are furnished with carpet coverings, have a lining of asbestos cloth between the carpet and the heater, making it perfectly safe from scorching. The No. 10 Heater is especially adapted to vans and large delivery wagons and Poultry Houses where an unusual amount of heat is required.

The No. 3 and No. 4 Heaters are our standard Heaters, which we specially recommend, as they are packed with a special composition which retains the heat and makes them more durable. *Net Prices.*

No. 5	14 inches long, white ends	\$2.75
" 5 B	Same as above, but covered with carpet	3.25
" 3	14 inches long, polished brass ends	3.75
" 3 B	Same as above, but covered with carpet	4.25
" 7	20 inches long, white ends	4.00
" 7 B	Same as above, but covered with carpet	5.00
" 10	14 inches long, 16 inches wide, 10 inches high, containing three drawers	7.25
Coal, full size brick, 12 pieces in a box	per box	.75
" 100 pieces in a box, cut in thirds	"	6.00

Veterinary X-Zalia. A purely vegetable preparation; contains no alcohol or poisonous ingredients. It may be applied to a raw surface or even poured into the eye of an animal without causing pain. It cures Galls, Scratches, and Surface Inflammation of every description. Per large bottle, \$1.25.

Points for Poultry Raisers.

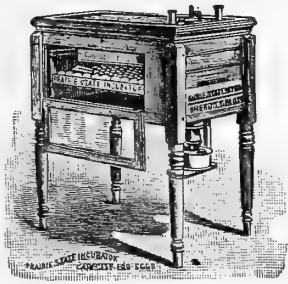
A Manual for Poultry Keepers.

9th Edition, 112 Pages.

Mailed for 25 cents.

Poultry Supplies, except as marked Net, are subject to offer No. 1 in N. E. Outside of N. E. offer No. 3 only applies.

See Special Offers on third page of cover.



GENUINE PRAIRIE STATE INCUBATORS AND BROODERS.

The least that can be said of these famous incubators is "*they are without equal.*" The U. S. government uses them exclusively at the Experiment Stations at Washington, D. C. The largest poultry breeders in the country also use them exclusively, and they are the standard from which all incubators are judged.

(Our net price list. Not included in our special offers.)

Incubators.

No. 1 Baby	Capacity 50 Eggs, \$6.00
" 2 "	" 100 " 10.00
" 1 Style A	" 150 " 20.00
" 2 " "	" 210 " 26.00
" 1 " B	" 150 " 15.00
" 2 " "	" 210 " 22.00
Special Duck	" 288 " 44.00

Brooders.

No. 2 Style B	Capacity 200 Chicks, \$19.00
" 3 " "	" 300 " 24.00
" 4 " "	" 400 " 29.00
" 1 " C Outdoor	" 100 " 12.00
" 2 " "	" 150 " 16.00
" 1 " D Indoor	" 80 " 7.00
" 2 " "	" 125 " 9.00

Special Prairie State Incubators.

No. 1 Special, 120 Eggs, \$18.00. No. 2 Special, 240 Eggs, \$29.00. No. 3 Special, 360 Eggs, \$38.00.
No. 4 Special, 480 Eggs, \$50.00. Special Goose Machine, 50 Eggs, \$25.00.

We would like every party who writes us for catalogue, who is interested in Incubators and Brooders, and contemplates purchasing the same, to send us an order for at least one machine and one Brooder, as we have placed the price at a very low figure and claim there is no machine in the world that sells for so little money that will give as good satisfaction.

PRICES OF EGGS AND POULTRY.

No claims allowed for breakage of eggs in transportation. All claims for infertility must be made within ten days from receipt of eggs. Our only guarantee in selling eggs is that they shall be from pure bred stock, and fifty per cent fertile on first test. This guarantee applies only between February 15 and June 1 of each year.

Prices Quoted are net and subject to change.

	Eggs Per 13.	Incubator Eggs. Per 100.	Single Birds Males.	Single Birds Females.	Breeding Pens. 1 Male and 4 Females.
Light Brahma	\$2.00	\$6.00	\$4.00	\$2.50	\$15.00
Buff Orpington	4.00	Prices	on	application	
Buff Cochins	2.50	8.00	5.00	3.00	15.00
Partridge Cochins	3.00	15.00	5.00	4.00	20.00
Black Langshans	2.50	8.00	5.00	3.50	15.00
Barred Plymouth Rocks	2.00	6.00	3.00	2.00	10.00
Buff " "	3.00	10.00	4.00	2.50	15.00
White " "	2.00	6.00	4.00	2.50	12.00
Silver Wyandotte	3.00	10.00	5.00	3.00	15.00
Golden " "	3.00	....	5.00	3.00	15.00
Buff " "	3.00	12.00	5.00	4.00	20.00
White " "	2.00	6.00	3.00	2.00	10.00
S. C. Brown Leghorns	2.50	8.00	3.00	2.00	10.00
" White	2.00	8.00	3.00	2.00	10.00
Buff Leghorns	3.00	12.00	5.00	4.00	20.00
Black Minorcas	2.50	10.00	4.00	2.50	12.00
Cornish Ind. Games		Prices	on	application	
Red Pyle Games	3.00	....	5.00	4.00	....
White Ind. Games	3.00	....	5.00	3.00	....
White Guinea Fowl	3.00	....	4.00	3.00	15.00
Pearl " "	3.00	....	4.00	3.00	15.00
Rhode Island Reds	2.50	6.00	4.00	2.00	12.00
Imp. Pekin Ducks	2.00	8.00	4.00	3.00	....
White Muscovy Ducks	2.00	8.00	4.00	3.00	....
	Per Doz.				
Toulouse Geese	4.00	....	6.00	6.00	
Brown China Geese	4.00	....	....	....	....
White " "	4.00	....	....	....	....
Bronze Turkey Eggs	5.00	....	6.00	5.00	....
White Holland Turkey	4.00	....	6.00	5.00	20.00
Half Wild " "		....	7.00	....

We are in position to furnish our customers with Pigeons in large or small quantities. Prices on application. Stock guaranteed.

See Special Offers on third page of cover.

VALUABLE TABLES.**SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF PLANTS AND SOW AN ACRE.**

	Quantity per acre.		Quantity per acre.
Artichoke, 1 oz. to 30 ft. of drill	$\frac{3}{4}$ lb.	Grass, Red Top, fancy, clean seed	20 lbs.
Asparagus, 1 oz. to 200 plants	5 "	Kale, 1 oz. to 1,200 plants	6 oz.
Barley	2½ bu.	Kohl Rabi, 1 oz. to 150 feet of drill	2 lbs.
Beans, Dwarf, 1 qt. to 100 feet of drill	1¼ "	Leek, 1 oz. to 100 feet of drill	4 "
Beans, Pole, 1 qt. to 200 hills	½ "	Lettuce, 1 oz. to 250 feet of drill	3 "
Beet, Garden, 1 oz. to 50 feet of drill	6 lbs.	Martynia, 1 oz. to 50 feet of drill	10 "
Beet, Mangel, 1 oz. to 50 feet of drill	8 "	Melon, Musk, 1 oz. to 60 hills	2 "
Broccoli, 1 oz. to 1,500 plants	8 oz.	" Water, 1 oz. to 40 hills	3 "
Broom, Corn	10 lbs.	Nasturtium, 1 oz. to 40 feet of drill	10 "
Brussels Sprouts, 1 oz. to 1,200 plants	8 oz.	Oats	3 bu.
Buckwheat	½ bu.	Okra, 1 oz. to 40 feet of drill	10 lbs.
Cabbage, 1 oz. to 2,500 plants	5 oz.	Onion Seed, 1 oz. to 100 feet of drill	4 to 5 "
Carrot, 1 oz. to 100 feet of drill	4 lbs.	" " for Sets	30 to 50 "
Cauliflower, 1 oz. to 2,500 plants	5 oz.	Onion Sets, 1 qt. to 20 feet of drill	8 bu.
Celery, 1 oz. to 3,000 plants	4 "	Parsnip, 1 oz. to 100 feet of drill	5 lbs.
Clover, Alsike and White Dutch	15 lb.	Parsley, 1 oz. to 150 feet of drill	8 "
" Lucerne, large Red, Crimson & Trefoil	15 "	Peas, Garden, 1 qt. to 100 feet of drill	1½ bu.
" Medium	15 "	" Field	2½ "
Collards, 1 oz. to 2,500 plants	6 "	Pepper, 1 oz. to 2,000 plants	4 oz.
Corn, Sweet, 1 qt. to 200 hills	8 qts.	Potatoes	10 bu.
Cress, 1 oz. to 100 feet of drill	8 lbs.	Pumpkin, 1 qt. to 300 hills	4 qts.
Cucumber, 1 oz. to 50 hills	$\frac{3}{4}$ "	Radish, 1 oz. to 100 feet of drill	8 lbs.
Egg Plant, 1 oz. to 1,000 plants	5 oz.	Rye	1½ bu.
Endive, 1 oz. to 150 feet of drill	3 lbs.	Salsify, 1 oz. to 50 feet of drill	10 lbs.
Flax, broadcast	½ bu.	Spinach, 1 oz. to 50 feet of drill	10 "
Garlic, bulbs, 1 lb. to 10 feet of drill		Summer Savory, 1 oz. to 500 feet of drill	2 "
Gourd, 1 oz. to 25 hills	2¼ lbs.	Squash, Summer, 1 oz. to 40 hills	2 "
Grass, Blue, Kentucky	3 bu.	" Winter, 1 oz. to 20 hills	4 "
" Blue, English	2 "	Tomato, 1 oz. to 2,000 plants	3 oz.
" Hungarian and Millet	1 "	Tobacco, 1 oz. to 4,000 plants	2 "
" Mixed Lawn	4 "	Turnip, 1 oz. to 150 feet of drill	2 lbs.
" Orchard, Perennial Rye, Red Top,		Vetches	3 bu.
Fowl Meadow and Wood Meadow	3 "	Wheat	1 to 2 "
" Timothy	½ "		

NUMBER OF PLANTS OR TREES TO THE ACRE AT GIVEN DISTANCES.

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
$\frac{1}{2}$ foot	174,240	4 feet by 2 feet	5,444	10 feet	435
1 "	43,560	4 " 3 "	3,629	11 "	360
1½ "	19,360	4 " 4 "	2,722	12 "	302
2 feet	10,890	5 " 5 "	1,742	15 "	193
2½ "	6,969	6 " "	1,210	18 "	134
3 feet by 1 foot	14,520	7 " "	889	20 "	108
3 " 2 feet	7,260	8 " "	680	25 "	69
3 " 3 "	4,840	9 " "	573	30 "	64
4 " 1 "	10,888				

WEIGHT OF VARIOUS ARTICLES.

	Per bush., 48 lbs.		Per bush., 60 lbs.
Apples		Peas	
" Dried	22 "	Plastering Hair	8 "
Barley	48 "	Rape	50 "
Beans	60 "	Rye	56 "
Buckwheat	48 "	Red Top Seed, Chaff Seed	10 "
Broom Corn	46 "	Red Top Fancy, Clean Seed	40 "
Blue Grass, Kentucky	14 "	Salt, Coarse	50 "
" " English	24 "	" Michigan	56 "
Bran	20 "	Sweet Potatoes	56 "
Canary Seed	60 "	Timothy Seed	45 "
Castor Beans	46 "	Turnips	58 "
Clover Seed	60 "	Wheat	60 "
Corn, Shelled	56 "	Beef and Pork, per bbl., net.	200 "
" on Ear	70 "	Flour, per bbl., net	196 "
Corn Meal	50 "	White Fish and Trout, per bbl., net	200 "
Charcoal	22 "	Salt, per bbl.	280 "
Coal, Mineral	80 "	Lime, "	220 "
Cranberries	40 "	Hay, well settled, per cubic foot	4½ "
Dried Peaches	28 "	Corn, on Cob, in bin,	22 "
Flax Seed	56 "	" Shelled.	45 "
Hemp Seed	40 "	Wheat,	48 "
Hungarian Grass Seed	48 "	Oats,	25½ "
Irish Potatos, heaping measure	60 "	Potatoes,	60 "
Millet	50 "	Sand, Dry,	95 "
Malt	38 "	Clay, Compact,	135 "
Oats	32 "	Marble,	169 "
Osage Orange	33 "	Seasoned Beech Wood, per cord	5,616 "
Orchard Grass	14 "	" Hickory,	6,960 "
Onions	52 "		

A Kindergarten

A Children's Garden



When we think or speak of a kindergarten we usually associate it in our minds with the school-room where the little child is taught the value of self respect, patience and obedience, and where the art of system and method are generally first learned.

No one will, we think, care to criticise the practical results of such an institution, but many of the Kindergarteners themselves feel that their work falls far short of the ideal, and long for the con-

ditions and surroundings that literally reach up to the true meaning of the name.

They realize with Professor Bailey of Cornell University, that "One's training for the work of life is begun in the home and fostered in the school." This training is the result of a *direct* and conscious effort on the part of the parent and teacher *combined with the indirect result of the surroundings in which the child is placed.*

The surroundings are more potent than we think; and they are often neglected. An attractive play-ground around the school-house, and a well kept even though small garden at the home, in which the child is interested and instructed, are in the highest degree complementary and tend to make both places attractive in the fullest sense.

Children *cannot be forced* to like either the school or the home; they like them only when they are worth liking, and when they like them the influence resulting is carried all through life.

"If children are daily surrounded by those influences that elevate them, that make them clean and well ordered, that make them love flowers and pictures and proper decorations, they at last reach that degree of culture where nothing else will please them." When they grow up and have homes of their own they must have them clean, neat, bright with pictures and fringed with shade trees and flowers, for they have been brought up to be happy in no other environment."

"A revolution in the condition of the school grounds or in the yards of many of the pupils will not come suddenly. Here and there a beginning will be made, and slowly the great work will spread."

There have been a number of methods suggested for increasing the interest in children's gardens, and in brightening the surroundings of the schools with shrubs and flowers. Much in the way of a permanent improvement of this nature could be carried out at but small cost, and we will be very glad to advise with those who are interested in the subject.

In the meantime, to help forward the good work, we are this year putting up, specially for children, two collections of seeds; one 10 sorts Flower Seeds; one 10 sorts Vegetable Seeds. These we offer to school superintendents, teachers and the children at 10 cents per collection. The varieties we have selected are easily grown, attractive, and especially suitable for children's gardens either in the school yard or at home. They consist of:—

FLOWER SEED COLLECTION.

PANSY, Choice Mixed German.
 CALENDULA, or Pot Marigold.
 CANDYTUFT, mixed colors.
 CENTAUREA CYANUS, or Bachelor's
 Button, mixed colors.
 CHINESE PINK, single and double mixed.
 COREOPSIS, mixed colors.
 NASTURTIUM, tall, mixed colors.
 POPPY, single and double mixed.
 MORNING GLORY, Convolvulus
 Major, mixed.
 SWEET PEAS, choice mixture.

VEGETABLE SEEDS.

SQUASH, Summer Crookneck.
 CORN, Early Cory.
 BEANS, Dwarf Mohawk.
 CARROT, Early Dutch Horn.
 BEETS, Breck's Beats All.
 TURNIP, Green Top Stone.
 RADISH, White Tipped Scarlet Turnip.
 LETTUCE, Black Seeded Tennisball.
 PEAS, Tom Thumb.
 MUSK MELON, Golden Netted Gem.

We send with each collection, ten wooden labels on which the names of the different kinds are plainly printed, so that the gardener may have a permanent mark beside each sort, during the season of growth.

We also enclose plainly printed instructions as to the best time and way to sow the seeds and care for the crops. We call attention to the fact that the seeds here offered are all of the best quality, and that the price we name for them does not equal the cost, consequently we have to request that where purchasers desire them sent by mail, the sum of 2 cts. for each collection be added to the remittance to cover postage.

We hope that through our present effort in this matter, a lively interest will be created which later will be of material advantage to ourselves and other growers and dealers in seeds and plants, and also to the communities in which the schools are situated, but especially to the children, who are the future greatness and strength of our homes and country.

Department of Landscape Gardening and Estate Development.

We have, in connection with our comprehensive business, a Department of Landscape Gardening under the charge of a competent party.

We undertake to advise as to the laying out of gardens, the general improvement of landed property, and the development of building estates; to provide plans and estimates, and, for a fixed sum, to carry out all the work incidental to the making of a small suburban garden, as well as to the designing and executing of the most extended estate improvement. We make no charge for plans, but they remain our property unless the work is carried out by us.

LADIES AND GENTLEMEN who intend to lay out new places, or rearrange old ones, will find it to their advantage to consult us on the subject.

We will also be glad to advise as to selection of Trees, Shrubs, Herbaceous Plants, etc., for special purpose.

Novelties and Specialties

✿ In Flower Seeds ✿



Breck's Giant Japanese Aster.

name of Breck's Giant Japanese. *The flowers are larger and more perfectly formed than any hitherto offered of this class.* Four colors: **Pure White, Peach Blossom, Scarlet, Dark Blue, also Mixed.** Pkt., 10 cts.; $\frac{1}{4}$ oz., 75 cts.; oz., \$2.50.

ASTER, Waldersee. An entirely new class. Plant only 8 inches high and fairly covered with pale rose, white-edged flowers about 1 inch in diameter. Most attractive. Pkt., 10 cts.; 3 pkts., 25 cts.

ASTER, Apollo. Beautiful violet-blue and in all respects a fitting companion for the *Waldersee*. Pkt., 10 cts.; 3 pkts., 25 cts.

ASTER, Cactus Flowered, Snow White. A new and perfectly distinct type that comes true from seed. The petals are rolled up, and not grown together as in the *Ray and Needle Asters*. The size is a little over four inches in diameter. Pkt., 10 cts.; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00.

ASTERS. We offer as acquisitions, new colors in the sorts named, as follows:—

Ostrich Feather. Brilliant carmine. Terra-cotta. White, carmine-tipped. White, violet-tipped. Each color, pkt. 10 cts.; $\frac{1}{4}$ oz., \$1.00.

Christmas Tree. Dark scarlet. Dark blood-red. Each color, pkt., 10 cts.

Queen of the Earlies. Dark blue. Pkt., 10 cts.; oz., \$1.00.

Lady. Pure white. Light blue. Each color, pkt., 10 cts.; $\frac{1}{4}$ oz., \$1.00.

Jewel, Sunlight. True sulphur yellow. Pkt., 10 cts.; oz., \$2.00.

See Special Offers on third page of cover.

ASTER, General Jacqueminot. An unsurpassed form of incurved aster. The plants grow to a height of 2 feet, are branching in habit and produce an immense number of globular shaped flowers, about 4 inches in diameter and of a lovely glowing scarlet crimson color. We especially recommend this as one of the very best. Pkt., 10 cts.; $\frac{1}{4}$ oz., 75 cts.; oz., \$2.00.

ASTER, Lady Washington. This is a superb class, in the way of the famous *Victoria*. The plants grow nearly 3 feet high and produce from 18 to 24 large flowers. It is very attractive in the garden, suitable for cutting, and unequalled for exhibition. We offer it in 5 lovely colors and trust all those who grow asters will give it a trial this year. It will please. **Pure White, Silver Gray, Rose, Scarlet, Pale Blue, or mixed.** Pkt., 10 cts.; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

ASTER, Breck's Giant Japanese. The public have asked for a perfect type of Chrysanthemum flowered Aster, with long, wavy, twisted petals, and the flowers well built up in the centre, but generally the ideal form has not been received. At our suggestion a leading German grower has labored for some years to attain the desired qualities, and we are glad to now offer the result of his efforts under the

ANTIRRHINUM MAJUS. Queen Victoria. An introduction of last season that has proved to be especially worthy. It combines unusual size of flower, which is pure white, long season of bloom, and elegant, finely-cut foliage. Pkt., 15 cts.; oz., \$1.00.

AQUILEGIA. Veitch's New Single Hybrids. In choicest mixture, containing all the most elegant forms and charming colors; including the scarlet and yellow, violet and white, yellow and mauve, white, and many exquisite and delicate light shades. Pkt., 10 cts.; $\frac{1}{8}$ oz., 75 cts.

ANEMONE JAPONICA. Konigen Charlotte. New in color and size. The flowers semi-double, 4 inches across, color a pleasing silvery pink shade. Pkt., 15 cts.

BELLIS PERENNIS. New Ranunculus double flowered Daisy. Much larger in size than the ordinary sort. The petals are incurved. The color is dark red on a snow white ground. Pkt., 15 cts.

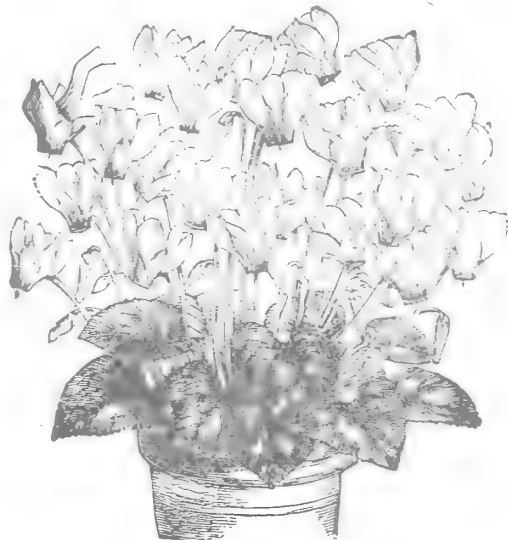
CELOSIA SPICATA (Argentea Linearis). Handsome annual from the East Indies, forming strictly upright, well branched pyramids of about $2\frac{1}{2}$ feet in height and producing at the summit of each branch cylindrical spikes of flowers of $2\frac{1}{2}$ to 4 inches in length. The color of the flower-spikes is a fresh bright rose when opening; later on, the lower part of the spike changes into a silvery white, forming thus a very pleasing combination of colors. The plants make a fine display in the garden, but are equally useful for indoor decoration when grown in pots. Pkt., 15 cts.

Cyclamen Persicum Grandiflorum.

BRECK'S IMPERIAL SELECTION. Hitherto we have offered this *unequalled strain* in mixture only. The demand from many of our friends who have grown it for a number of years, for *separate colors*, has induced us to offer it in the three leading colors, **WHITE, PINK, and ROSY PURPLE**, as well as in the usual mixture of many shades. It is almost needless for us to say that this is undoubtedly the very finest type of Cyclamen on the market. The habit of the plant is perfect, the flowers are as large as the *Gigantum* type but produced in much greater abundance, are better shaped and sweetly fragrant. Plants as a whole are beautiful both in bloom and foliage. This particular strain has been awarded more first prizes both in the United States and England than all others combined. Per 1000 seeds, \$11.00; 100 seeds, \$1.25; pkt., 50 cts.

CYCLAMEN PERSICUM GRANDIFLORUM. Royal Violet.

All the Cyclamen hitherto described as violet have really been reddish purple. We are happy to offer here a new one that is a *true violet color*. It will be warmly welcomed by all lovers of this favorite and prove a real acquisition. Pkt., 75 cts.



Breck's Imperial Selection Cyclamen.



Chrysanthemum Segetum. Evening Star.

CHRYSANTHEMUM SEGETUM—Evening Star.

The illustration gives a correct idea of the form of this charming, continuous, summer flowering chrysanthemum. The flowers measure from 3 to 4 inches across and are of a pure golden yellow color. It withstands rainy weather successfully and is splendid for cutting. As a pot plant both for florists and private growers it will prove popular. Pkt., 15 cts.

CHRYSANTHEMUM. Leucanthemum hybridum.

"Shasta Daisies." The fact that this is one of Luther Burbank's productions is a guarantee of its value. *Shasta Daisies* are a selection through a period of years of a cross between the common field *Marguerite* and some of the European large flowering species. The claims made for this acquisition are: Hardiness: they can be grown in any climate that will not kill an oak tree. Perennial: bloom throughout the season of growth, and year after year. Easy of propagation: multiplied by division of root. Flowers very large and beautiful, frequently 4 inches or more in diameter, with three or more rows of petals of the purest white, on single, strong stems, nearly 2 feet in length. Seed in sealed packages. Pkt., 15 cts.; 3 pkts., 40 cts.

COLEUS. Dwarf Willow Leaved.

A distinct type. The plants have a graceful, airy appearance, and are suitable alike for bedding and pot culture. The leaves, unlike those of other sorts, are long, narrow, irregularly curved and drooping. The combination of colors is pleasing, although green predominates. Pkt., 20 cts.

CENTAUREA RUTIFOLIA PURPUREA. This, like *C. cynocarpa*, is a very graceful and desirable silver-leaved plant, but of smaller size and more compact habit. In addition to its value as a foliage plant it produces on stout stalks, borne well above the leaves, rather attractive purple colored flowers. We think where it is given a trial that it will find a permanent place. Pkt., 15 cts.; 3 pkts., 40 cts.

CARNATIONS. Chabaud Perpetual Double. They are equal in size and beauty to those grown by the florists, and are recommended on this account as well as because they come into bloom within six months of the time of sowing the seed. For winter blooming they may be sown in April, grown to sturdy plants in the open air, potted in August for growing indoor during winter. Three colors—*Marie Chabaud*, pale yellow. *Maria Immacula*, pure white, *McKinley*, bright scarlet. Separate or mixed Pkt., 20 cts.

See Special Offers on third page of cover.

CANDYTUFT. Breck's White Giant. The finest large flowered, white Candytuft yet produced. It is as suitable for forcing as for out-door culture. The spikes of bloom are pure white, broad and of immense size. Pkt., 5 cts.; oz. 50 cts.

DAHLIA VARIABILIS. Miniature. Earlier, dwarfer, and more free flowering than any dahlia yet introduced. Plants raised from seed sown in the end of March or April will begin to bloom in June and continue until frost. The height of the plant is about 9 inches; the flower stalks rise some 6 inches above this and bear flowers that average 3 inches in diameter. The colors embrace the different shades of *white, yellow, rose, lilac, crimson, purple, scarlet*, etc. Pkt., 10 cts.; 3 pkts., 25 cts.

"The Day of the Dahlia"

For more than fifty years the Dahlia has been a general favorite. The florist's skill in improving and creating new types has resulted in an increased demand for

Decorative and Cactus Dahlias

We offer here one dozen each of what we consider the best of these two popular and beautiful sorts.

Decorative Dahlias

ADMIRAL DEWEY. Bright imperial purple, of fine form.

BEAUTY OF BRENTWOOD. Beautiful rosy crimson, shaded carmine. Grand.

CLIFFORD W. BRUTON. The best yellow. Immense size, perfect form. Clear canary yellow.

EVADNE. Primrose yellow, tipped with creamy white. Sometimes edged and tinged with soft pink.

GRAND DUKE ALEXIS. Large and unique; the petals are rolled up so that the edges overlap each other. Pure white, tinged delicate pink.

HENRY PATRICK. Very large, pure white, borne on long stems.

LYNDHURST. One of best bright scarlets, perfectly full centres.

MAID OF KENT. Cherry red, tipped white. Sometimes it comes a superb solid red.

NYMPHÆA. The most delicate and beautiful yet introduced. Clear, light, shrimp pink, tinted lighter towards the centre. Fine for cutting.

OBAN. Rosy lavender, overlaid with delicate silvery fawn. An early and continuous bloomer.

RAYON d'OR. Rich orange, striped white.



Cactus Dahlia.

ZULU. "The Black Dahlia." Jet black, changing to black-maroon as the flowers expand.

Cactus Dahlias

ARACHNE. Peculiar twisted and curled petals. It is well named Arachne, which means spider. The petals are creamy white, edged with a broad band of crimson.

BRIDESMAID. Pale primrose, shading to delicate rose toward the outer petals.

BRUNHILDE. A deep rich plum color. The petals are loosely arranged, very long and peculiarly twisted.

CINDERELLA. Rich plum flamed with crimson. Splendid form.

HENRY CANNELL. Dark rich crimson. Of fine form with pointed petals.

JOHN H. ROACH. A fine light yellow, of perfect form; long, incurved pointed petals.

MABEL KEITH. Primrose yellow, semi-double.

MATCHLESS. A grand variety, dwarf and branching. The flowers are large, rich glistening crimson, overlaid dark velvety maroon.

MRS. A. BECK. A graceful large flower of a rich salmon red with scarlet reflex.

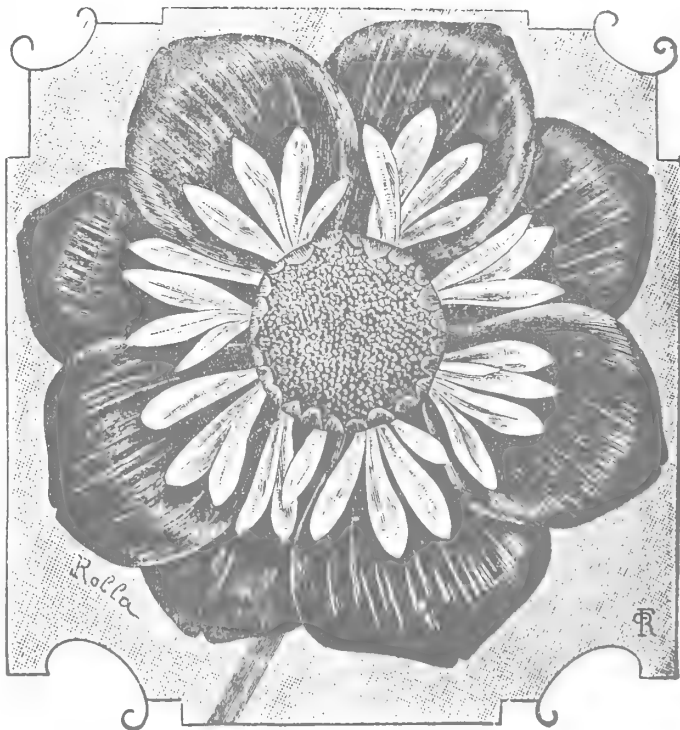
MISS A. NIGHTINGALE. Large, deep yellow, heavily tipped bright red. Semi-double.

MISS WEBSTER. Pure white, slightly tinted with rose on the reverse of the lower petals.

STRAHLEIN KRONE. Intense cardinal red, long twisted petals.

Price, 15 cts. each; \$1.50 doz. The set of 24, \$2.75. Net.

DAHLIA. Collarette. This new race of single Dahlias has already found favor. The illustration shows the formation. Hitherto the seed offered has been saved mostly from the variety, President Viger. We are now able to offer seed saved from some thirty varieties of the type. It is more fixed in character and will, undoubtedly, produce a greater variation in form and color than has yet been the case, besides larger and altogether more beautiful flowers may be confidently expected. Seed sown in March will produce flowering plants the first season. Pkt., 15 cts. 3 Pkts., 40 cts.



Collar Dahlia.

See Special Offer on third page of cover

SINGLE DAHLIA. "TWENTIETH CENTURY." Entirely distinct from all previous introductions. As valuable for cutting as for garden decoration. It comes into bloom early and produces its flowers on stems 3 feet long. The cut flowers will keep in perfect condition for a week; they measure 5 to 6 inches in diameter. Early in the season the blooms are an intense rosy-crimson tipped with white and having a white band around the disc. Later in the season they become almost a pure white, suffused with soft pink. 25 cts each; \$2.75 dozen. *Net.*



Breck's Special Groff's Hybrid Gladioli.

SINGLE DAHLIA. MARS. White and violet, bordered and shaded dark, rich crimson, tipped white, very rich and effective. The plant is of moderate growth, and an early and profuse bloomer. The flowers are of medium to large size, and fine regular form; flat petals, slightly pointed, give it a star-like appearance. 20c. ea; \$2.25 doz.

GLADIOLI. BRECK'S SPECIAL GROFF'S HYBRIDS. The size, form and variety of colors make Groff's Hybrid Gladioli exceedingly attractive and desirable, yet there is in these, as in most things, the "good" and the "best." Those we offer as *Breck's Special* are the best and embrace the newest forms and colors including the rare blue, lilac and heliotrope shades. The diversity of color and markings is so great in this wonderful selection that it is scarcely possible to get any two of them alike, and all of them are so beautiful and varied in their tints and combinations that it would be practically impossible to describe them. We recommend our customers to include some of these in their purchases. There is no chance of disappointment. Each 6c.; doz. 60c.; 100 \$4.50; 1000 \$42.

For complete list of Gladioli see page 126.

LARKSPUR. New Dwarf Bee. This will be a favorite because of its dwarfer habit than the old popular tall growing sort. The flowers vary in all shades of color, from the lightest blue to the darkest indigo. The flower spikes do not usually exceed 2½ feet in height. Pkt., 10 cts.; 3 pkts., 25 cts.

MARIGOLD. Dwarf French Striped. "Grandiflora." The flowers are as large as the finest Scotch tall striped, but with the dwarf habit of the dwarf French; one foot in height, with beautifully striped flowers. Pkt., 10 cts.

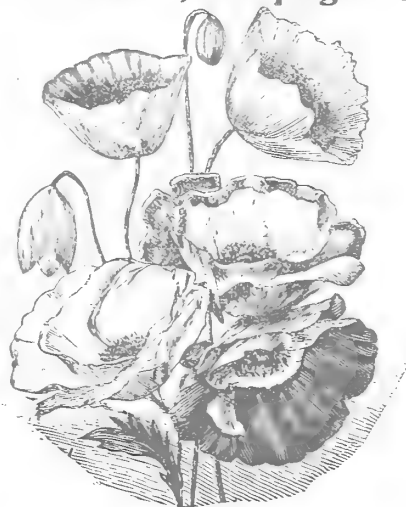
NASTURTIUMS, AMERICAN GROWN SEED. Superior in every way to the imported. A large percentage of the nasturtium seed sold in this country is grown in Holland (although some of it is imported by way of England), where it is produced at a very low price. This low cost is because it is grown without any special care or selection, like a field of wheat, and consists mostly of a few, not very pleasing colors. The seed we offer is an American product. The different named sorts are grown separately and kept pure. The mixtures we offer are made by ourselves, thus ensuring to our customers a complete assortment of all really beautiful kinds and is superior to any others offered. The mixture includes white, pink, rose, scarlet, crimson, brick, claret, garnet, orange, primrose, yellow. For complete list of varieties, see page 98.

POPPY. DWARF SHIRLEY. Separate Colors. The Shirley type is perhaps the most graceful and beautiful of all this family. Hitherto it has been sold in mixture only. We are now able to offer it in two separate colors, *Salmon* and *Snow White*. We are sure these acquisitions will be fully appreciated and be largely planted as soon as known. Salmon, pkt., 10 cts. White, pkt., 15 cts. For complete list of Poppies, see p. 99.

PHLOX DRUMMONDI. Silver-Leaved Star. This charming silver-edge-leaved phlox should interest all lovers of annuals. The plants branch freely, attain a height of about one foot, and the flowers, mostly toothed (cuspidata) but some fringed (fimbriata), are of the rose and carmine shades. Pkt., 10 cts.

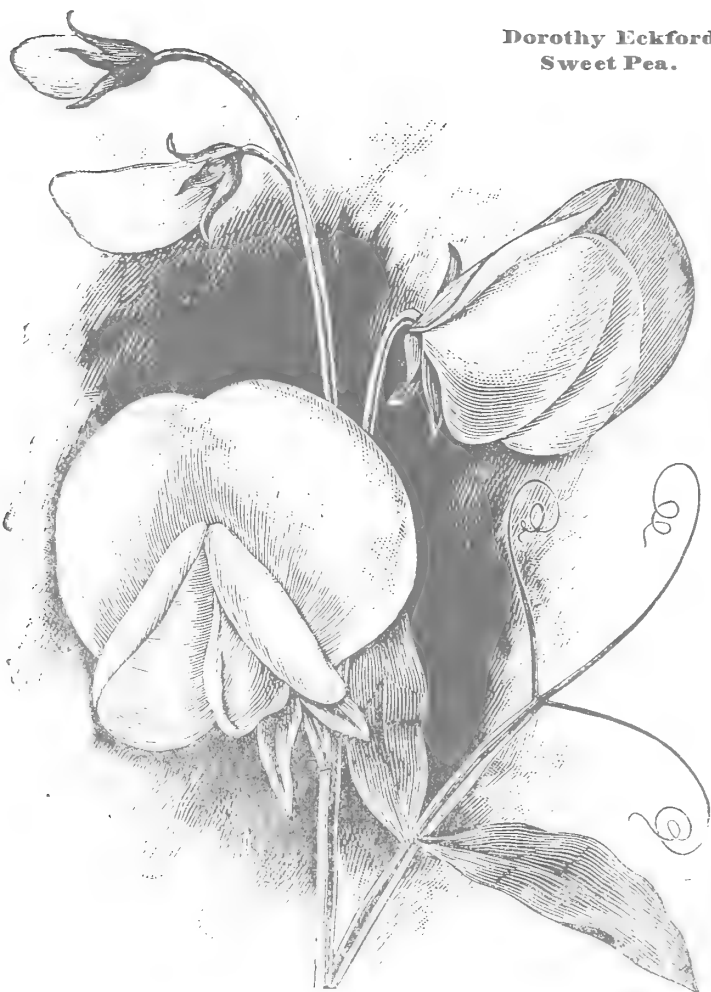
PETUNIA. Howard's New Star. The ground color is a dark crimson maroon, with a rich velvety texture, justly pronounced equal to that of the pansy. Showing through the ground color are violet veinings. From the centre start the points of a five-rayed star, which broadens half way up, narrowing to a point at the margin of the flower. Pkt., 10 cts.

PRIMULA STELLATA HYBRIDA. "Star Primula." A new and vastly improved strain of this valuable decorative plant in which the size and substance of the blooms have been considerably increased. Many of the



Shirley Poppy.

See Special Offers on third page of cover.

Dorothy Eckford
Sweet Pea.

The size of the flowers is extraordinary, being from 3 to 4 inches in diameter. The plants come into bloom earlier than other sorts, and continue through a long season. Pkt., 30 cts.; $\frac{1}{4}$ oz., \$2.50.

PRIMULA OBCONICA GRANDIFLORA. This Primula is in many ways fully as desirable and attractive as the popular *P. Chinensis*. As a pot plant it is as easily grown, and produces more bloom through a longer season, while for cutting it is simply splendid and keeps a long time in water. We offer several new colors, not elsewhere obtainable, that secured the Royal Horticultural Society's Reward of Merit, last April. **Pink, Dark Red, Purple, Deep Lilac**, pkt., each color, 50 cts. **Bright Carmine**, pkt., 25 cts.

RUDBECKIA BICOLOR SUPERBA SEMIPLENA. The plants form elegant bushes of 2 to 2½ feet in height covered with large semi-double golden yellow to brownish yellow flowers, which have a central dark brown ring and disc. Pkt., 10 cts.

SWEET PEA. Scarlet Gem. There are already so many varieties of Sweet Peas that sorts are now well tested before being catalogued and recommended. In Mr. Eckford's latest creation, **Scarlet Gem**, we have an entirely new color approaching the depth and brightness of the **Scarlet Geranium**. The flowers were awarded a *first-class certificate* and the *Silver Medal* offered for the best novelty of the year. It is indeed a splendid variety: flowers three on a stem. Of good substance, full rounded standard, and gracefully disposed on long, straight stems. Pkt., 25 cts.

— **Dootrhy Eckford. A Grand New White.** This fine new white Sweet Pea is a sport from "Miss Willmott." It is pure white, and half as large again as any white variety yet produced. The form is perfect. The standard is unusually large and bold, while the keel is about half the regular size. We believe it will shortly take its place as the leading white.

— **Coccinea.** A new and distinct shade of red, very rich, soft shade of scarlet cerise.

— **George Gordon.** Bright reddish crimson standards, with rosy purple wings.

— **Hon. Mrs. E. Kenyon.** A grand flower, deep primrose. This is the largest and deepest color of all the yellow varieties.

— **Lady M. Ormsby Gore.** Pale buff, delicately tinted with pink, large flower slightly hooded.

PRIMULA STELLATA HYBRIDA—Continued.

blooms are equal in form and purity of color to those of the Chinese Primula, and, as they last longer and the plants can be much more easily grown, they deserve to be widely cultivated. Of the seed now offered, the mixture contains seven charming and distinct colors, while the Improved White produces flowers nearly two inches in diameter. Amateurs who have no greenhouse can easily grow these plants for winter flowering by sowing the seed in pots or pans in June and transplanting when large enough. Pkt., 25 cts.

PHLOX DRUMMONDI RADIATA. Dwarf annual Phlox, producing singular star-like flowers. Color carmine, with two white stripes on each petal. Pkt., 15 cts.

PANSY, GIANT MAGNIFICA. A new race. The markings vary very much; some of the flowers blotched only, others veined, striped-edged and blended. Pkt., 10 cts.

— **Trimardeau, or Giant. Indigo blue.** An entirely new shade. As the name suggests, it has the depth of the indigo shade, but with a remarkable bright and brilliant effect. Pkt., 10c.

— **Cassier Reds.** This very popular strain is enhanced in value by the addition of several new shades, namely, *scarlet, blood red, crimson and purplish red*. Offered in mixture. Pkt., 20 cts.

— **Psyche.** Each flower is elegantly curled and undulated and in every respect a beauty in form and color. The characteristic five velvety violet blotches, or eyes, are surrounded by a broad white edge. Pkt., 10 cts.

— **Madame Perret.** This creation, because of its distinctness and rare beauty, will, when known, become a general favorite with all lovers of Pansies. The flowers offer all possible lines of red, from the light pink, the lovely white-edged red, to the deep purple of splendid magnificence.



Breck's Giant Perfection Ten-Week Stock.

See Special Offers on third page of cover.

SWEET PEA. *Miss Willmott.* A grand flower of great substance, a rich deep orange pink, almost a self on of the finest varieties yet sent out. Each of the 6 foregoing sorts, pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

STOCKS. *BRECK'S GIANT PERFECTION TEN-WEEK.* These are very early and produce unusually large spikes of double flowers. So far our grower has only secured three distinct colors in this giant class. We hope, however, in the near future to offer the improved type in all the colors and shades peculiar to this family. Meantime we recommend our friends to try, and prove the superiority of *Breck's Giant Perfection* over the existing strains of Large Ten-Week Stock.

White, Dark Carmine, Canary Yellow. Pkt., 15 cts.; $\frac{1}{4}$ oz., \$1.50.

SUNFLOWER (HELIANTHUS). *Perkeo.* A perfectly dwarf variety of the Miniature Sunflower. The plants form dwarf bushes that measure when fully developed about 10 to 12 inches in height and 14 to 16 inches in diameter. Pkt., 10 cts.

SALVIA SPLENDENS. "*Triumph.*" The earliest flowering Salvia ever offered. Grows to a height of about 2½ feet, has a fine regular habit and branches freely. By sowing early, numerous extra large spikes of flowers appear *as early as June*, and cover the plants until frost sets in. The color is a rich velvety scarlet. Pkt., 15c.

SALVIA. *Lord Fauntleroy.* The foliage is of a very rich dark green color, beginning right at the ground and rising no more than 10 inches above, while the 8-inch flower spikes stand erect and clear above the foliage. For bedding in masses alone, or with plants of equal height, or for borders around beds of taller plants, we know nothing that will be so effective. Pkt., 15 cts.; 3 pkts., 40 cts.

Herbaceous Pæonies.

The most popular hardy plants of the day. We are only beginning to get acquainted with them and realize their possibilities. They surpass the rose in size, equal it in range of color and fragrance, are not troubled with insect pest, require no particular care to carry them through the winter and have beautiful and attractive foliage throughout the growing season. They do well in any good, rich, deep soil, and prefer a sunny situation, although they thrive almost equally well in a partially shaded location. A liberal supply of water should be given them during the growing season. They are perfectly hardy, requiring no protection whatever even in the most severe climate.

The following 25 fine double sorts 50 cts. each; \$5.00 per doz.

Amabilis Grandiflora, white, large fringed petals; fine sweet.

Amabilis Speciosa, rose shading to pink; large, sweet.

Artemise, soft rose pink; fine.

Baron J. Rothschild, pink, semi-double, sweet.

Baron T. Rothschild, rose outside, centre salmon, sweet.

Duchess de Nemours, rose pink, large, sweet.

Duchess d'Orleans, salmon pink.

J. Descaine, white, yellow centre.

Fulgida, dark crimson, showing golden anthers.

Prince de Talyndike, dark purple, good form; distinct and choice.

Delacheii, dark crimson, late.

Lamartine, bright crimson.

Humei, pink, one of the best late pinks.

Francis Ortegal, purplish crimson, fine.

Mme. Breon, dark, brilliant purple.

Mme. Lebon, deep cherry, flowers in clusters.

Officinalis Rubra.

Officinalis Rosea.

Pottsi, purple crimson, very showy.

Perfection, rose lilac, inside salmon, sweet.

Jules Lebon, bright crimson.

Caroline Mather, dark crimson, rose scented.

Centifolia Rosea, cherry rose.

Triumph du Nord, rose shaded crimson, large fine flower.

Rosea Magna, rose and white.

The following 12 double sorts, 75 cts. each; \$8.00 per doz.

Alba Sulphurea, creamy white, sulphur centre, sweet.

Auguste Lemonier, deep purplish red.

Ceres, flesh, yellow centre.

Don Juan, deep purple.

Elegans Superbissima, outside petals dark pink, salmon centre, fine and sweet.

Henry Demay, brilliant crimson.

Jeanne d'Arc, rose pink, white centre, fine.

Magnifica, flesh white.

Madame Chaumy, bright pink, tinged flesh; large.

Nivea Plenissima, pure white.

Pearl, white, shaded flesh, fine flower.

Whitleyic Plena, light blush white with cream centre, fine.

Single Herbaceous Pæonies.

Glory of Somerset, soft pink, large and beautiful, \$2.00 each.

Lady Alexander Macduff, French white, superb, highly perfumed, \$5.50 each.

Sir T. J. Lipton, bright rosy crimson, with golden stamens, \$2.00 each.

Duke of Devonshire, deep rose, large and very fine, \$1.50 each.

Lord Rosebery, deep crimson, \$1.50 each.

Bunch of Perfume, rich rose, very double and sweet, \$3.00 each.

Single Herbaceous Pæonies.

Dorothy, delicate pink, very fine.

Viscount Cross, deep cherry red.

Tinted Venus, bright pink.

Meteor, dazzling crimson.

Stanley, maroon-crimson, golden stamens.

Lady Wimborne, pearly, blush-pink.

Single sorts, \$1.00 each.

Hardy Phlox.

The Phlox is becoming a general favorite. It is hardy and does well in all situations. By a selection of varieties they can be had in bloom from July until the middle of September, or by "cutting back" the plants early in the season they will bloom throughout September. They will grow on a gravel bank, but do best in a warm, mellow soil, made deep by cultivation. We have selected twelve kinds as the *best* for general cultivation in this country, feeling sure they will give good satisfaction. They are all clean, distinct flowers, healthy plants, and bright colors. Price, 20 cents each; \$1.50 per dozen (one of each if desired).

Argon, dwarf, soft pink, fading to blush; a very delicate and rare color, and free bloomer.

Eclairer, medium, deep carmine rose, centre lighter, and often spotted white; a very early and continuous bloomer, and large flower.

See Special Offers on third page of cover.

PHLOX—Continued.

Etta's Choice—Very tall, pure white, vigorous and free bloomer; coming very late, makes it valuable for cut flowers.

Huxley—Medium, clear white, bordered with lilac, which gives it a variegated look; quite unique.

Independence—Medium, pure white, flowers large, borne in fine pyramidal heads.

La Feu de Monde—Tall, brilliant crimson red, or flame color, similar to Madame Meuret, except one or two weeks later.

Le Pole Nord—Tall, medium size flower; white with crimson eye; one of the best tall late blooming varieties.

Le Soleil—Medium; beautiful soft rose, shaded pink; one of the best phloxes in our collection; being a constant and abundant bloomer (all through July and August) makes it very valuable for cutting.

Madame Meuret—Tall, flame color, changing to rich salmon; center deep carmine red; one of the very best varieties; always satisfactory.

Madame Pap-Carpantier—Dwarf; pure waxy white, large flowers, borne in large trusses; very fine.

Richard Wallace—Tall, white with violet center; a good old sort; always clean and fresh.

Saison Lierval—Tall; an old variety received from Belgium over twenty years ago, and there is no better of its color today; large white, deep rose eye; vigorous and floriferous.

We can supply a Fine Assortment of Phlox at \$10.00 per 100.

Rambler Roses.

CRIMSON RAMBLER. Too well known to require comment. 25 and 50 cts. each; \$2.50 to \$4.00 per doz.

DOROTHY PERKINS. Soft, light pink *Very fragrant.* 25 and 50 cts. each; \$2.50 to \$4.00 per doz.

LEUCHTSTERN. Bright rose, with large white eye, large single flowers, produced very freely.

PURPLE EAST. Rosy, carmine-purple. Semi-double, medium sized flowers, produced in clusters.

QUEEN ALEXANDRA. Rosy pink flowers, produced in large pyramidal clusters, similar to Crimson Rambler, except in color.

RUBIN. Deep crimson, flowers larger and fuller than Crimson Rambler.

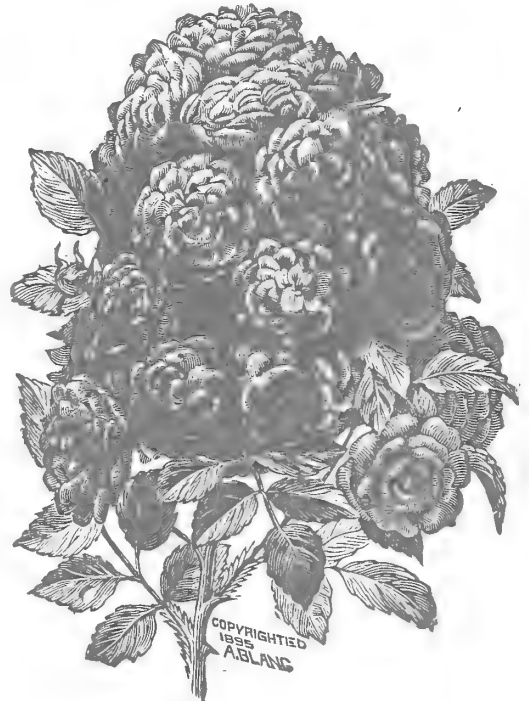
THE LION. Rich crimson, single flowers.

THE WALLFLOWER. Rosy crimson, flowers produced all along the shoots from base to tip.

PSYCHE. Deep rose, as vigorous as Crimson Rambler.

Each 65 cts.; doz., \$6.00, *except as noted.*

SOLEIL D'OR. This is quite a unique break amongst Roses, being a cross between the favorite Persian yellow and a hybrid perpetual. It is a wonderful combination of the qualities of both. It is a very decided improvement on the best yellows we have had heretofore. The flowers are larger; about 3 inches across. The color is golden yellow shaded with orange. It is as perpetual blooming in its habit as the H. P.'s and perfectly hardy. Each, 50 cts.; \$5.00 doz.



Rambler Roses.

	Each	Doz.	100
IMPERIAL. Of vigorous growth, large, deep blue, fragrant blossoms	\$0.15	\$1.50	\$10.00
LADY HUME CAMPBELL. Very sweet, color light violet.....	.15	1.50	10.00
MARIE LOUISE. The favorite.....	.10	1.00	8.00
PRINCESS OF WALES. Large, single flowers.....	.10	1.00	8.00

Plants for House, Lawn and Piazza.

ARECA LUTESCENS. (Ostrich Feather Palm.) A majestic palm. Its dark, glossy green leaves are gracefully curved on slender stems. The trunk and stems are golden yellow, irregularly spotted with bronzy green. In 3½-inch pots, 75 cts.; 5-inch pots, \$1.00; 6-inch pots, \$2.00; 7-inch pots, \$3.00 each.

KENTIA BELMOREANA. (Curly Palm.) Recognized as one of the best for all purposes, being able to withstand more ill usage perhaps than any other. The foliage is dark glossy green, the segments wide and gracefully recurved. In 4-inch pot, 75 cts. 5-inch pot, \$1.00; 6-inch pot, \$1.75; 7-inch pot, \$3.50 each.

COCOS WEDDELLIANA. The most slender and graceful in the upright feathered-leaved palms. The leaves are very finely formed, and of great beauty. In 2½-inch pots, 30 cts.; 3-inch pots, 50 cts.; 3½-inch pots, 70 cts. each.

LATANIA BORBONICA. (Fan Palm.) This is a typical palm and is more largely used than any other. It is of strong, healthy habit, and especially suitable for window culture. In 3½-inch pots, 50 cts.; 4-inch pots, 70 cts.; 5-inch pots, \$1.00; 6-inch pots, \$1.50; 7-inch pots, \$2.50 each.

PANDANUS UTILIS. (Screw Palm.) Very decorative and useful for the window garden. The large leaves in leaving the stem, form a continuous spiral. It is a native of the Hawaiian Islands, where the natives use its fibre for making cloth. In 4-inch pots, 50 cts.; 6-inch pots, \$1.00; 7-inch pots, \$2.00 each.

ASPARAGUS SPRENGERI. The beautiful green feathery sprays, which drop gracefully, are often 3 to 4 feet in length. Excellent for hanging pots. 25 cts. to \$1.00 each.

RUBBER PLANT. (Ficus Elastica.) We can furnish nice, healthy plants of this favorite at from \$1.00 to \$5.00 each, according to size.

NEPHROLEPSIS EXALTATA BOSTONIENSIS. (Boston Fern.) A very popular window plant. It bears well with heat, dust and neglect, and always has a bright, fresh appearance. Strong plants, 50 cts. to \$2.00 each.

See Special Offers on third page of cover.



It is somewhat difficult to convey detailed

particulars as to how success may be had in the planting and maturing of flowers. The skilled gardener who has every appliance necessary often fails in his efforts; while the little girl who has no knowledge of the art, but loves flowers, will frequently surprise not only herself but the older folks, *who are not so much interested*, with the results obtained by her labor and love. "The Norwegians have a pretty and significant word, 'Opelske,' which they use in speaking of the care of flowers. It means literally 'loving up,' or cherishing them into health and vigor."

The following practical information, in connection with the special cultural notes, that, when necessary, are set in the right-hand column against the variety, will be of service in making for success:

Hardy Annuals (hA.).—This class require no artificial aid, but grow and flower freely in the open air, mature their seeds and die in the same year

Before sowing the seeds in the open border, the soil should be thoroughly enriched with fertilizer or stable manure, dug and raked until firm, level and smooth. If possible, the location should be free from shade, although some sorts do well where they do not have the sun for more than half the day.

Seed should be sown in spring as soon as the ground is dry enough to work freely. After the seed is sown shake over it fine soil sufficient to cover, lighter or heavier, according to its size; a good rule is, say, to cover to twice the depth of the diameter of the seed. Very fine seed, such as *Portulacas*, requires no covering at all, but should be merely pressed into the soil with a piece of board or the palm of the hand. A second sowing ought always to be made in from two to four weeks after the first, in order to provide for a succession, as well as to insure against failure.

When it is desired to sow hardy Annuals and carry them along indoors until they can be planted out for early effect, there is nothing better than shallow boxes, two or three inches deep, filled with sandy loam. Take especial care until the plants are up and during their early stages of growth to give plenty of air and moisture, and yet *not too much water*, or they will "damp off." When they are well out of the seed leaf they should be planted in rows in other shallow boxes; or in two-inch pots, setting from three to six plants around the edges. If they begin to crowd one another before the weather is suitable for setting out, a second transplanting, more thinly or into larger pots, may be necessary. When first set out in the garden, or during very dry weather, until well established, they should be watered frequently. Keep down all weeds, and loosen the ground occasionally, so that the plants may receive the full benefit of rains and dews, which will not be the case if the ground is allowed to become hard or crusted.

Half-Hardy Annuals (hhA.).—These, in the latitude of Boston, should not be sown out-doors until about the middle of May. A good rule, followed by a successful gardener, is to sow these, and even some of the tender Annuals, at the same time he makes his sowings of cucumbers and melons. With half-hardy Annuals, however, it is generally best to sow them under the same conditions as advised for hardy Annuals in-doors.

Tender Annuals (tA.).—To get strong plants and an early bloom, sow the seed in shallow boxes or pots in March, and place them in a warm greenhouse, or plunge in a moderate hot-bed, shade from the strong sun and water only with a very fine rose. A very light, sandy soil and good drainage are essentials. Be particular that the finer seeds are not covered over deep, but have the soil pressed closely about them. Water frequently, especially if the greenhouse or hot-bed is very warm. When the plants are out of the seed leaf, transplant into shallow boxes or small pots. When sufficiently strong and the weather is suitable, set out in the flower beds, but not before the end of May.

Hardy Biennials (hB.) and **Perennials** (hP.).—These require the same conditions as hardy Annuals. Those marked with a dagger (†) if sown early, in boxes, as directed for hardy and half-hardy Annuals, will bloom the first year. All, however, may be sown in the open border in August or September; in which case it is a good plan at the commencement of frost to give them a light covering of straw, leaves or

See Special Offers on third page of cover.

dry litter. When the frost is out of the ground in spring remove the covering, loosen the soil around the plants, and when large enough transplant them to where they are permanently to remain.

Half-Hardy Biennials (hh.B.) and **Half-Hardy Perennials** (hh.P.).—These may be sown in the open border as directed for hardy Annuals, but, when practical, it is generally better to start them in-doors, as recommended for half-hardy Annuals.

Tender Biennials (t.B.) and **Tender Perennials** (t.P.).—Accord these the same treatment as recommended for tender Annuals.

☞ Those to whom a greenhouse or hot-bed is not available will meet with good success by placing the boxes or pots in the open sunlight in the windows of the dwelling house, and keep the temperature from 65 to 75 degrees during the day and 10 degrees less at night. If the soil was in proper condition at planting time, a slight sprinkling once a week will be sufficient until the plants begin to grow nicely.

Greenhouse Seeds.—Some of these may be sown at almost any season of the year. Leaf mould, or peat, with some fine sand added, is the most suitable soil, and the shallow pots or boxes before recommended can be used. The smaller seeds of greenhouse plants are somewhat difficult to germinate unless extra care be taken with them; they require to be slightly watered occasionally, and sheltered from the hot sun until large enough to transplant. Press the soil firmly down into the pot or box and make perfectly level, so that no unequal settlement takes place through watering. The seeds should be sown thinly and *covered very lightly with finely sifted sphagnum moss*. A pane of glass placed over the pot or box until the little plants get well started is of decided benefit, but care should be taken to air occasionally, when excessive moisture is shown by water globules on the under side of the glass. When the young plants have two leaves they should be transplanted into a similar soil, in other pots or boxes. To do this do not pull them out one by one, but, if in a pot, remove the entire contents and break up gently; if in a box, loosen by running a trowel around the side and take out a mass at a time, thus preserving the little roots which are so essential to their future welfare. After transplanting, keep in a shady part of the greenhouse and water sparingly until established, when they may be removed to the light.

It is well to know that Poppies delight in a rich, sandy loam, that Eschscholtzias will do best in a poor soil; or of Pansies, give them abundance of old manure, the richest earth you can find, plenty of water and partial shade; that you need not be anxious if it is not convenient to carry water for Nasturtiums in a dry time, for their habitat is dry Chili, and they will thrive in a dryer soil and atmosphere than almost any other plant; or that Zinnias like a heavy, cool clay; Sweet Peas a deep, rich soil and plenty of water, while such gross feeders as Roses, Sunflowers, Hollyhocks, Dahlias and Asters cannot be planted in too rich a situation; yet,

"To raise your flowers, various arts combine,
Study these well, and fancy's flight decline:
If you would have a vivid, vigorous breed
Of every kind, examine well the seed:
Learn to what elements your plants belong;
What is their constitution, weak or strong;

Be their physician, careful of their lives,
And see that every species daily thrives;
These love much air, these on much earth rely;
These, without constant warmth, decay and die:
Supply the wants of each, and they will pay
For all your care through each succeeding day."

EXPLANATORY.

Our General List of Flower Seeds, it will be found, is divided into the following groups, viz.: Annuals, Perennials and Biennials; Climbers; Greenhouse Plants; Everlastings; Ornamental Grasses, etc. The botanical and common names are arranged in alphabetical order, and a very complete index will be found in front of book. The dash (—) designates the repetition of the name above it as applying to the variety to which the dash is prefixed; the *first column*, following the name, denotes hardiness and duration; the *second column*, height in feet; the *third column*, color or predominating colors; the *fourth* and *fifth columns* show the price per ounce and packet respectively; the *sixth column* gives brief descriptions or special notes on culture. To this arrangement and the following abbreviations we have given the most careful attention, and we trust that their simplicity will not only find favor with our customers, but prove valuable to them as a handy reference.

KEY TO ABBREVIATIONS.

hA designates Hardy Annuals—Lasting but one year.
hhA " Half Hardy Annuals—Lasting but one year.
tA " Tender Annuals—Lasting but one year.
hB " Hardy Biennials—Lasting two years.
hhB " Half Hardy Biennials—Require protection during winter.
hP " Hardy Perennials—Lasting three or more years.
hhP " Half Hardy Perennials—Require protection during winter.
tP " Tender Perennials—Lasting three or more years, but require greenhouse protection during winter.
† " Biennials or Perennials that, if sown early, will bloom the first year.
Trai. " Trailing Habit.
Var. " Various.

The abbreviations of colors are—
blk.—black.
br.—brown.
tri.—tricolor.
car.—carmine.

crim.—crimson.
sul.—sulphur.
lav.—lavender.
pur.—purple.

var.—variegated.
scar.—scarlet.
strip.—striped.
ver.—vermillion.

In some instances when the flower is of two colors, these are indicated by the initial letters only,—for example, b&w—blue and white; s&y—scarlet and yellow; w&p—white and pink.

For Flower Seed Novelties see colored pages.

LIST OF FLOWER SEEDS

Complete Alphabetical list of Flower Seeds begins on page 87.

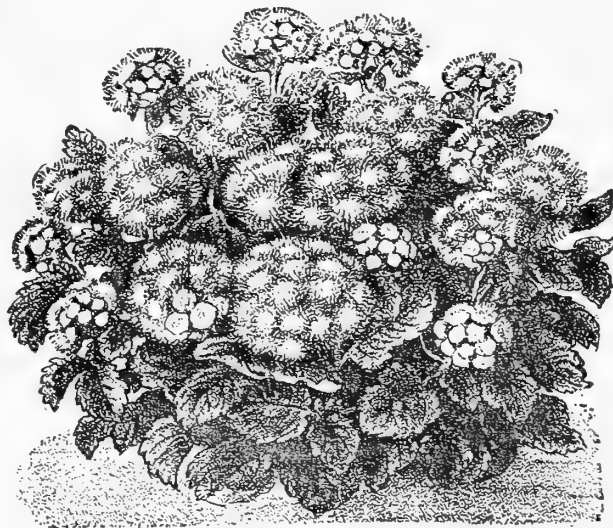
This special list embraces only sorts that are of the easiest cultivation, and particularly desirable for producing a quick and continued effect. A dollar's worth of seeds selected from these varieties will, under reasonably favorable conditions, give a greater amount of bloom in varied form and color than could be had by planting ten dollars' worth of plants from the greenhouse. "Sow the seed freely. The combined strength of the rising plantlets will break the crust on hard soils; and in the thinning which follows, only strong and promising plants are allowed to remain. Better effects are also often secured when the flowers are in masses, especially if the flowers are thrown into the bays of heavy shrub borders. "Plants continue to bloom for a longer period if they are not allowed to produce seed. The flowers should be picked, if possible, as soon as they begin to fade."

Ageratums.

In many respects this is one of the most desirable summer flowering plants we have. It may be used alone for beds and borders, or planted in connection with geraniums, coleus, cannas, etc. The colors include many

shades of blue as well as white, rose and a pale yellow. The plants grow well almost anywhere, but flower most generously in a deep, rich soil. If the seed is started in a box in and transplanted to where they are intended to bloom about the end of May, an abundance of flowers will be produced until hard frost. Seed of all, however, can also be sown outdoors as soon as the ground warms up, excepting the four sorts first named; these are tender perennials and should be sown early to obtain successful flowering the first summer. Seed sown in August will produce plants for winter flowering.

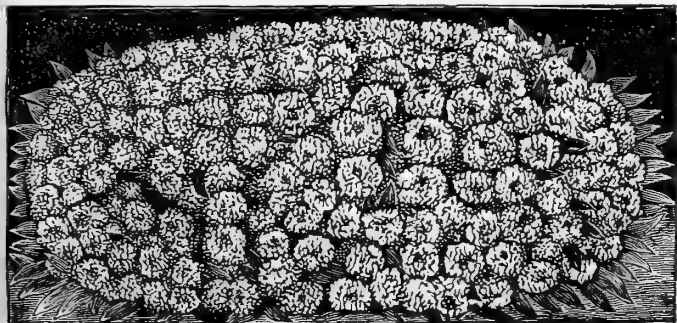
	Oz.	Pkt.
Ada Bowman. Light blue; fine for beds or edgings, 9 in.....	\$0.75	\$0.05
Blue Perfection. Light blue; fine for beds; mixed; very choice.....	.30	.05
Conspicuum. White; a grand bedder, 1 ft.....		.05
Lasseauxi. Rose, 1 ft.....		.05
Mexicanum. Lavender, 1 ft.....	.40	.05
Album. White, 1 ft.....	.50	.05
Dwarf Blue. Deep blue, 9 in.....	.60	.05
Dwarf White. Clear white, 9 in.....	.60	.05
Grandiflorum roseum. Rose, 1 ft.....	.75	.05
Little Dorrit. Deep blue, 6 in.....	.75	.05
Little Dorrit. White, 6 in.....	.75	.05
Nanum luteum. Pale yellow, 9 in.....	1.00	.05
—Roseum. Rose, 9 in.....	1.00	.05
—Princess Victoria Louise. White, azure blue stamens, 9 in.....		.10



Ageratum.

Sweet Alyssum.

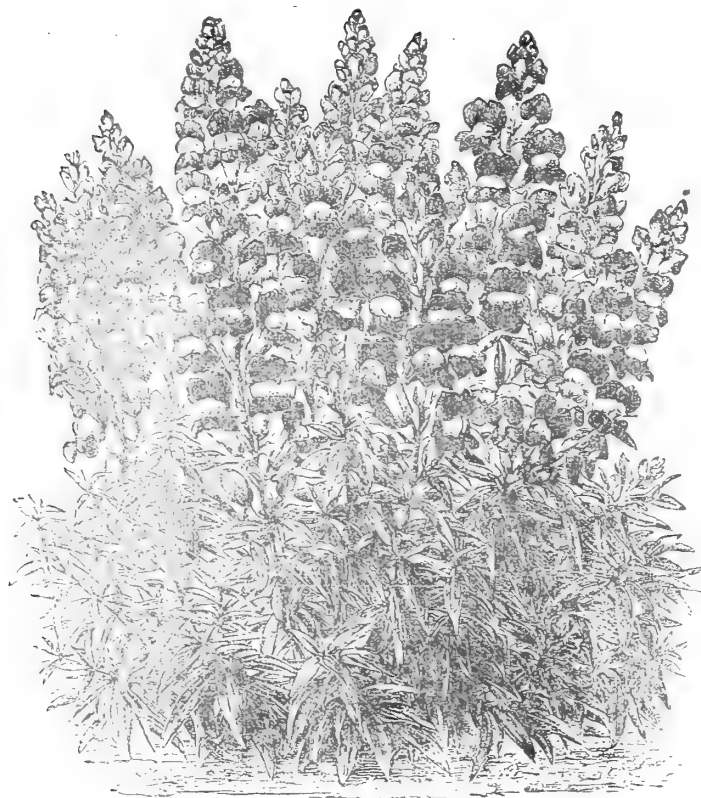
The Sweet Alyssum is so well-known and such a general favorite that it is scarcely necessary to call special attention to it here. It is of the easiest culture both indoors and out and is suitable alike for beds and edging in summer or for growing in pots and boxes for winter blooming. It will stand considerable cold in the open ground and may be sown early; it blooms throughout the entire season until destroyed by hard frost. For winter flowering sow the seed in August or September. When bloom begins to fail cut back the plants and they will promptly come into flower again.



Sweet Alyssum.

Maritimum (Sweet Alyssum) (hA). White, very fragrant, 9 in.....	per oz.	\$0.30	pkt.	\$0.05
Compactum. White, erect growth, 6 in.....	"	.40	"	.05
Little Gem. White, grand for edging, 6 in.....	"	.40	"	.05
Procumbens (White Carpet). White, trailing habit, 6 in.....	"	.50	"	.05
Saxatile compactum (Gold Dust) (hP). A single plant will cover a square foot with one year's growth and produce hundreds of bright yellow flowers. 1 ft.....	"	.60	"	.05

See Special Offers on third page of cover.

**Antirrhinum.**

- Royal Standard. Scarlet and white, 1 ft.
- Yellow Queen. Yellow, 1 ft.
- Sunlight. Golden-Leaved. Flowers rosy white and carmine, foliage canary yellow, 9 in.
- Black Prince. Velvety black with purple reflex, and golden yellow anthers, 1 ft.
- Cupreatum. Carmine red and coppery orange with yellow tip, 1 ft.
- Kermesinum. Fiery crimson, 1 ft.
- Brilliant. Carmine and yellow, white throat, 1 ft.

Antirrhinum (Snapdragon).

If sown in March or April and set out when strong enough, these plants make a display that is unequalled for duration and brilliancy. The tall sorts are fine in borders. The dwarf make splendid beds. They prefer a light, warm, but well enriched soil. Seed sown outdoors in May will produce satisfactory results. It is not unusual, however, when very strong plants are desired, to sow seed in August or September and cover the plants with a mulch on the approach of cold weather. Plants raised from autumn sown seed may be grown on in pots and will produce an immense quantity of bloom throughout a very long season. If grown indoors they require about the same temperature and treatment as carnations. Most of the varieties are fairly hardy and will live through a New England winter if well covered. Antirrhinum is a specialty with us, and we have done much to improve the plants in height, habit, flower and color. We consider our strains superior to any obtainable in size and brilliancy of flowers.

- Breck's grandiflorum majus**, hP. Mixed,
2 ft. per oz. \$0.50 pkt. \$0.05
- nanum, six colors: crimson, scarlet, striped, yellow, white and carmine.
 - separate, 1 1/2 ft. per oz. .70 " .05
 - mixed, 1 1/2 ft. " .50 " .05
 - Tom Thumb, six colors: crimson, rose, white, yellow, striped, orange and scarlet.
 - separate, 1 ft. per oz. .70 " .05
 - mixed, 1 ft. " .50 " .05
 - Niobe. Pink and white, 1 ft. " .60 " .05
 - Queen of the North. White, fine bedder, 1 ft. per oz. .60 " .05
 - Royal Standard. Scarlet and white, 1 ft. " .60 " .05
 - Yellow Queen. Yellow, 1 ft. " .60 " .05
 - Sunlight. Golden-Leaved. Flowers rosy white and carmine, foliage canary yellow, 9 in. " .10
 - Black Prince. Velvety black with purple reflex, and golden yellow anthers, 1 ft. " .10
 - Cupreatum. Carmine red and coppery orange with yellow tip, 1 ft. " .10
 - Kermesinum. Fiery crimson, 1 ft. " .10
 - Brilliant. Carmine and yellow, white throat, 1 ft. " .10

Aquilegia (Columbine).

This family is one of the most beautiful and popular among hardy perennials. The different varieties present an unusual wealth of color and form. They are all of elegant habit and bloom throughout a very long season. For growing in borders or filling up bays in shrubbery they are unsurpassed. Seed sown in pans or boxes and placed in a cold frame, or in the house, in March will frequently produce bloom the same year. It is best, however, to sow seed out of doors when ground warms up. Any ordinary garden soil is suitable for their growth, but a light sandy soil is preferable. The flowers are all fragrant.

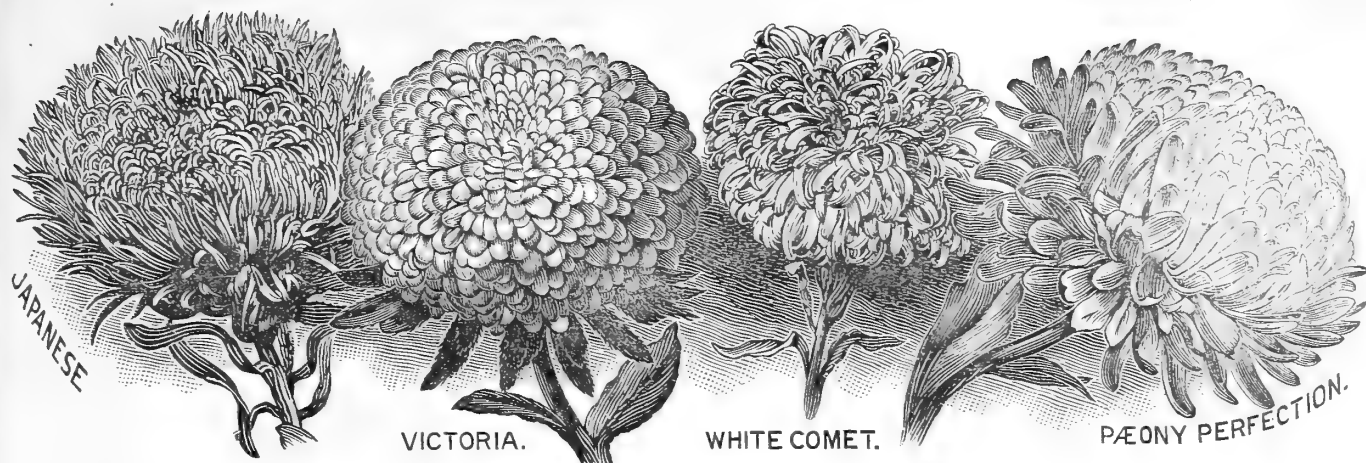
- Alba fl. pl., hP. Db. white, 2 ft., per oz. \$0.75 pkt. \$0.05
- Californica hybrida. Yellow and orange, 2 ft. per oz. \$0.75 " .05
- Canadensis. Orange, 1 ft. " 2.00 " .20
- caryophylloides Striped, 1 1/2 ft. " 1.00 " .20
- chrysantha. Yellow, 3 ft. " 2.00 " .10
- fl. pl. Double yellow, 3 ft. " .10
- caerulea hybrida. Blue and yellow, 3 ft. per oz. \$1.00 " .10
- collection 12 choice varieties, \$0.50.
- glandulosa major. Blue and white, 3 ft. per oz. \$1.00 pkt. \$0.05
- Jätschaut. Yellow and red, 2 ft. " .10
- olympica. Blue, 2 ft. " .05
- fl. pl. Blue and white, 2 ft. " .10
- Skinneri. Scarlet and yellow, 1 1/2 ft. per oz. \$4.00 " .10
- Stuarti. Blue and white, 1 1/2 ft. " .10
- double mixed. Various colors per oz. \$0.50 " .05
- single mixed. Various colors, " .40 " .05

The results I have obtained for years from your flower seeds have been unvaryingly satisfactory. Last season I planted and have grown under the same conditions, several strains of Cyclamen with yours. These strains embrace all the best offered in Boston, including the much lauded Sutton's.

Plants from your seed have produced more flowers, larger flowers, better and purer colors,—so that I feel constrained to say that your strain of Cyclamen not only excels anything I have grown, but anything I have seen.

Cohasset, Mass.

ALFRED R. CROSS,
Supt. for Col. A. Pope.



Breck's Special Asters.

These rank among the most popular and satisfactory flowers that are suitable alike for the amateur and professional gardener to raise from seed, and a very long season of bloom may be had — from July until end of September — by successive sowings. When the Aster was introduced from China, about the year 1730, it was of the single flowered type and there were only three colors. Now there are nearly 300 varieties to choose from. The most desirable sorts are *Comet*, *Branching*, *Truffaut's Perfection*, *Victoria*, *Washington*, *Mignon*, *Jewel* and *Triumph*. There is a very great difference in the quality of the flowers and most of the cheap Aster seed offered is sure to disappoint those who sow it. The seed we sell is in every instance raised especially for us by the leading Aster specialists and has been brought to the highest possible state of perfection by selection and breeding.

The demand for Breck's Asters from the leading commercial and private growers all over the United States, however, warrants the labor and expense incurred, and is a sufficient recommendation of their superiority. We welcome a comparison of the product of Breck's seeds with that of the most highly lauded. Our prices speak for themselves.

Cultivation.—Those who wish Asters in flower throughout the season should make the first sowing about the middle of February and every two weeks thereafter until the middle of June. Sow in fine soil, and cover lightly in shallow boxes, which should be set in the greenhouse or a sunny window. Keep moderately moist until the plants are well up, then transplant, either into other shallow boxes three inches apart or into small pots. When the weather is settled and fairly warm set the plants out in the open ground, one foot apart each way, where they are intended to flower, and keep watered until they are established. Keep the soil open by frequent hoeings, and when the plants are two-thirds grown mulch with well rotted manure. A loose but strong loam is best suited for asters.

Breck's International Prize (hhA). Breck's International Prize represents all the best classes and colors of large flowering Asters. Those who can devote only a limited space to their cultivation will be delighted with this selection, which embraces the cream of the most desirable races to date.....per oz. \$3.50 pkt. \$0.10

Betteridge's Quilled. Mix'd, 2 ft. " 2.00 " .05
—collection, 12 distinct colors, .40.
—collection, 6 " " .25.

Boltze's Dwarf Bouquet. Mixed, ¾ ft.....per oz. \$1.50 " .10
—collection, 6 distinct colors, .30.

Boston Florists'. A beautiful and much grown sort of the Pæony-flowered Perfection type, 2 ft.
—dark blue.....per oz. \$1.75 " .10
—light blue....." 1.75 " .10
—bright rose....." 1.75 " .10
—peach blossom....." 1.75 " .10
—scarlet....." 1.75 " .10
—white....." 1.75 " .10
—mixture....." 1.50 " .10
—collection, 6 distinct colors, .50.

Branching Japanese. A superior class. The flowers are very large and resemble the Japanese Chrysanthemum in their graceful form and wavy petals, 3 ft.
—pure white.....per oz. \$1.75 " .10
—shell pink....." 1.75 " .10
—lavender....." 1.75 " .10
—purple....." 1.75 " .10
—crimson....." 1.75 " .10
—mixed....." 1.50 " .10
—Semple's, mixed....." 1.50 " .10
—Vick's, mixed....." 1.50 " .10

Chrysanthemum Flowered Dwarf, Perfection. Azure blue, ¾ ft.....per oz. \$2.00 pkt. \$0.10
—pure white, ¾ ft....." 2.00 " .10
—finest mixed. Many shades, ¾ ft.....per oz. \$1.75 " .10
—collection, 12 distinct colors, .60.
—collection, 6 " " .35.

Chrysanthemum Flowered Tall. Finest mixed, 2 ft.....per oz. \$1.75 " .10
—collection, 6 distinct colors, .35.

Christmas Tree. New and of distinct habit of growth. The plants are tree-like in form and bear at the end of each stem a *Mignon-like* flower 1½ to 2 inches in diameter, 1½ ft.
—pink.....per oz. \$2.50 " .10
—white....." 2.50 " .10
—light blue....." 2.50 " .10
—carmine....." 2.50 " .10
—dark blue....." 2.50 " .10
—mixed....." 2.00 " .10

Comet, Giant. A much-improved form of the Comet Aster. The large, chrysanthemum-like flowers are borne on long stems, in the greatest profusion, 2 ft.
—The Bride.....per oz. \$2.50 " .10
—light blue....." 2.50 " .10
—lilac....." 2.50 " .10
—crimson....." 2.50 " .10
—peach blossom....." 2.50 " .10
—rose....." 2.50 " .10
—sulphur yellow....." 2.50 " .10
—rose and white....." 2.50 " .10
—finest mixed....." 2.00 " .10
—collection, 10 distinct colors, .60.
—collection, 6 " " .40.

See Special Offers on third page of cover.

ASTERS—Continued.

Comet, Dwarf, Bridesmaid. White, changing to rosy lilac, 1 ft. per oz. \$3.00 pkt. \$0.10
 —pure white, 1 ft. " 3.00 " .10
 —King Humbert. Pure white. Large flowers, 1 ft. " .10
 —Empress Frederick. Pure white. Flowers 5 inches in diameter, 1 ft. " .20

Comet Single Flowered. Distinct from other single flowered sorts. The petals are long, slender and wavy. The plants are as vigorous and floriferous as the *Giant Comet*, 2 ft.

—light blue.....per oz. \$1.50 " .10
 —rose..... " 1.50 " .10
 —pink..... " 1.50 " .10
 —dark blue..... " 1.50 " .10

Cocardeau, or Crown, Improved. Fine double flowers, with white centres, surrounded with brilliant colors, 1½ ft. per oz. \$1.00 " .05
 —finest mixed..... " 1.00 " .05
 —collection, 6 distinct colors, .35.

Dobbies' Globe Quilled. Mixed. Closely-built, double flowers, 2 ft. per oz. \$1.00 pkt. \$0.10
 —collection, 6 distinct colors, .50.

Dwarf German. Mixed. A favorite old variety, 1½ ft. per oz. \$0.75 " .05

Dwarf Pæony Flowered Perfection. Plants of fine, dwarf habit. Flowers large, very double, incurved, and of great beauty, 1 ft.

—dark purple.....per oz. \$2.00 " .10
 —blackish violet..... " 2.00 " .10
 —scarlet..... " 2.00 " .10
 —white..... " 2.00 " .10
 —finest mixed..... " 1.50 " .10
 —collection, 12 distinct colors, .60.
 —collection, 6 " " .40.

Dwarf Silver Ball. White. A very free flowering sort, 1 ft. per oz. \$2.00 pkt. .10

Giant Emperor. Mixed. Flowers of immense size and delicate colors, 1½ ft. per oz. \$2.00 " .10

—collection, 8 distinct colors, .45.
 —collection, 6 " " .35.

Golden King. Yellow. The color is a decided acquisition, 1½ ft. per oz. \$2.00 " .10

Goliath. Mixed, 2½ ft. " 2.00 " .10
 —collection, 6 distinct colors, .30.

Grace, or Schiller. Mixed. Fine for cutting, 1½ ft. per oz. \$1.00 pkt. .10
 —collection, 8 distinct colors, .30.

Harlequin. Mixed. Oddly spotted and striped, 1½ ft. per oz. \$2.00 " .10

Imbricated Cocardeau. Mixed. Small flowers borne in great profusion, 1½ ft. per oz. \$1.50 " .10

Imbricated Pompon. Especially suitable for cutting. Flowers small very double, 1 ft.
 —red.....per oz. \$1.50 " .10
 —white..... " 1.50 " .10
 —mixed..... " 1.50 " .10
 —collection, 6 distinct colors, .35.

Jewel, or Ball. One of the best. The plants are of fine habit and free bloomers. The flowers are perfectly round in form, and incurved like a chrysanthemum, 2 ft.

—apple blossom.....per oz. \$2.00 " .10
 —crimson..... " 2.00 " .10
 —deep rose..... " 2.00 " .10
 —purple..... " 2.00 " .10
 —rose and white..... " 2.00 " .10
 —azure blue..... " 2.00 " .10

Jewel, or Ball, red violet.....per oz. \$2.00 pkt. \$0.10
 —pure white..... " 2.00 " .10
 —mixed..... " 1.50 " .10
 —collection, 6 distinct colors, .50.

La Superbe. Beautiful pæony-like flowers, 2 ft,

—rose.....per oz. \$2.50 " .10
 —azure blue and white..... " 2.50 " .10
 —white..... " 2.50 " .10
 —mixed..... " 2.50 " .10

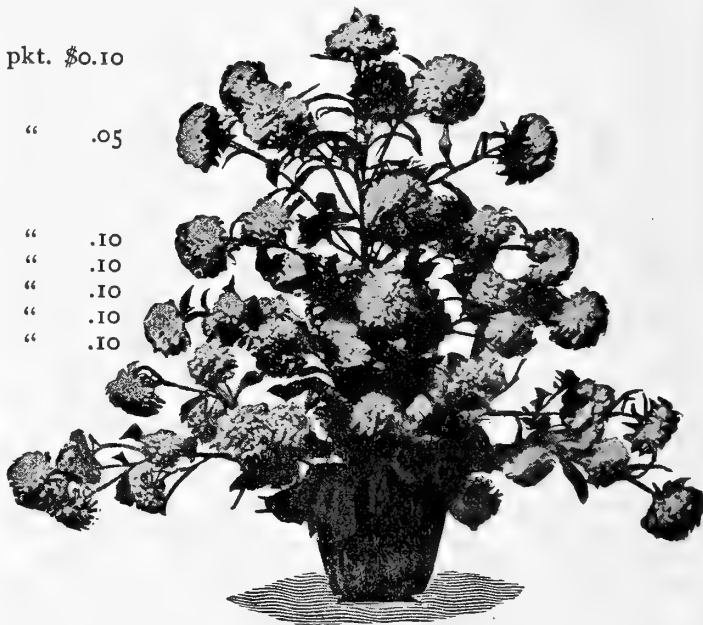
Mignon. Not surpassed by any for cutting.

The flowers are of fine form, attractive alike in the garden and bouquets, 1½ ft.

—crimson.....per oz. \$1.75 " .10
 —rose..... " 1.75 " .10
 —white..... " 1.75 " .10
 —scarlet..... " 1.75 " .10
 —rosa-alba..... " 1.75 " .10
 —mixed..... " 1.50 " .10

Mignon Dwarf. Globe-shaped flowers produced in abundance. Plants very branching, 1 ft.

—carmine.....per oz. \$2.00 " .10
 —rosy carmine..... " 2.00 " .10
 —mixed..... " 2.00 " .10



Christmas Tree Aster.

Midsummer Triumph. Dark scarlet. Same as *Triumph*, except in time of flowering. Shows bloom in June and is in perfection during July, ¾ ft. per oz. \$2.00 pkt. \$0.10

Needle Victoria, or Hedgehog. Mixed. A form of the *Victoria*, with pointed petals, 1½ ft. per oz. \$2.50 " .10

Non Plus Ultra. Mixed. Plants of upright habit, flowers large and double, 1 ft. per oz. \$1.50 " .10
 —collection 6 distinct colors, .40.

Ostrich Feather (Hohenzollern). After the style of *Comet*, but larger flowers, with soft, wavy, recurved petals. Equal in size and beauty to many Japanese Chrysanthemums, 2 ft.

—white.....per oz. \$2.00 " .10
 —white, changing to rose..... " 2.00 " .10
 —rose..... " 2.00 " .10
 —crimson..... " 2.00 " .10
 —reddish lilac..... " 2.00 " .10
 —malmalson rose..... " 2.00 " .20
 —mixed..... " 1.75

See Special Offers on third page of cover.

ASTERS—Continued.

Pæony-Flowered Perfection, Truffaut's, Improved. A general favorite. The plants are of branching, pyramidal form and very floriferous. Our stock of this seed is a great improvement on what is generally offered; the flowers are larger, fuller, of better form, and the petals more incurved, like a chrysanthemum, 2 ft.

—blood red.....	per oz. \$1.75	pkt. \$0.10
—brilliant rose.....	" 1.75	" .10
—brilliant scarlet.....	" 1.75	" .10
—dark blue.....	" 1.75	" .10
—delicate rose.....	" 1.75	" .10
—crimson.....	" 1.75	" .10
—carmine rose.....	" 1.75	" .10
—light blue.....	" 1.75	" .10
—snow white.....	" 1.75	" .10
—amethyst blue.....	"	.20
—mixed.....	" 1.50	"
—collection, 12 distinct colors, .60.		
—collection, 6 " " " .30.		

Queen of the Earlies (Queen of the Market). Very early, blooming about four weeks before the other sorts. Valuable for an early display in the garden, and for cutting, 1½ ft

—crimson.....	per oz. \$1.00	" .10
—light blue.....	" 1.00	" .10
—rose.....	" 1.00	" .10
—white.....	" 1.00	" .10
—salmony rose.....	" 1.00	" .10
—deep scarlet.....	" 1.00	" .10
—mixed.....	" 1.00	" .10

Rose-flowered. Collection, 6 distinct colors, 2 ft., .35.

Triumph. Very beautifully formed, and perhaps most desirable of the dwarf varieties.

—deep scarlet, ¾ ft.....	per oz. \$2.00	" .10
—scarlet and white.....	" 2.00	" .10

Triumph, white.	per oz. \$2.00	pkt. \$0.10
—carmine.....	" 3.00	" .10
—dark blue.....	" 3.00	" .10
—mixed.....	" 2.00	" .10

Victoria, Improved. Of vigorous habit, pyramidal form, flowers very large, beautifully imbricated and freely produced. There is nothing superior, 1½ ft.

—azure blue.....	per oz. \$2.50	" .10
—dark blue.....	" 2.50	" .10
—scarlet.....	" 2.50	" .10
—crimson.....	" 2.50	" .10
—light rose.....	" 2.50	" .10
—carmine rose.....	" 2.50	" .10
—rose and white.....	" 2.50	" .10
—peach blossom.....	" 2.50	" .10
—purple violet.....	" 2.50	" .10
—white.....	" 2.50	" .10
—white, tinted rose.....	" 2.50	" .10
—sulphur yellow.....	" 2.50	" .10
—coppery rose.....	" 2.50	" .10
—mixed.....	" 2.00	" .10
—collection, 12 distinct colors, .70.		
—collection, 6 " " " .40.		

Victoria, dwarf, Resembles the above, but of much dwarfer habit, ¾ ft.

—light blue.....	per oz. \$2.50	" .10
—rose.....	" 2.50	" .10
—snow white.....	" 2.50	" .10
—mixed.....	" 2.00	" .10

Washington. Mixed. The largest flowering sort in existence. Valuable for exhibition purposes, 2 ft..... per oz. \$2.00 " .10

—collection, 6 distinct colors, .40.

Single Flowered Marguerite. Mixed. Abundance of flowers, variety of color, and suitableness for cutting will make this popular, 2 ft..... per oz. \$1.00 " .10

Calendula (Pot Marigold).

"The Marygold of Shakespeare's time." One of the most popular and easily grown hardy annuals. The plants are strong, free flowering and do well in almost any situation, although they prefer a warm, loose soil. They bloom the whole season, particularly if the flowers are picked. It is usual to sow the seeds where the plants are intended to stand, but they will bear transplanting. Calendula make good pot plants and flower freely during winter.

La Proust. Buff, 1½ ft.....	per oz. \$0.25	pkt. \$0.05
Meteor. Creamy centre, edged with orange, 1 ft. "	.25	" .05
Nankeen. A beautiful shade, 1 ft.....	" .25	" .05
Prince of Orange. Orange, 1 ft.....	" .25	" .05
Pluvialis (Cape Marigold). White, 1 ft.....	" .25	" .05
Ranunculoides (Garden Marigold), 1 ft.....	" .25	" .05
Sulphurea. Pale yellow, 1 ft.....	" .25	" .05
Superba. Yellow, dark eye, 1 ft.....	" .25	" .05



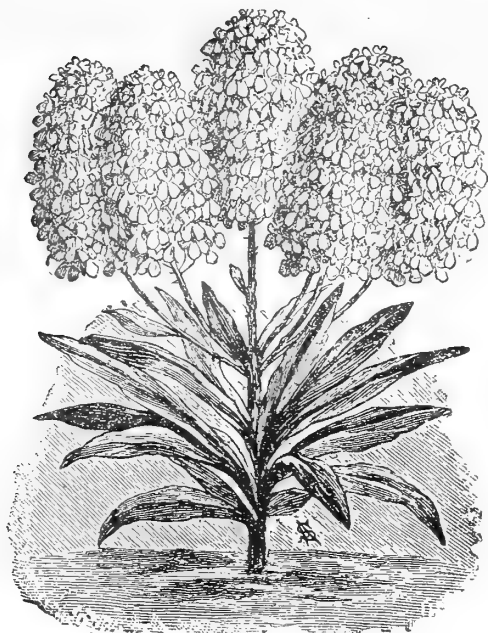
Calendula (Pot Marigold).

I may say that all purchases made at your store the past season have given me great satisfaction. Your seeds I found to be high in germinating qualities and very productive.

WILLIAM WESTLAND,

Gardener to Francis Blake, Esq.

Auburndale, Mass.

Candytuft (*Iberis*).**Candytuft (*Iberis*).**

Very showy, branching annual plants that produce flowers which embrace nearly all shades of red, purple and white. The seed may be sown any time indoors and the plants set out where wanted to bloom, when the weather is suitable. A succession of sowings lengthens the season of bloom. Seed sown outdoors in spring will produce flowers from July until September. Candytuft is very effective for beds, borders, etc., and useful for pot culture during winter. It is grown extensively by florists for cutting.

Breck's Improved White Spiral.	White, 1 ½ ft., per oz.	\$0.50	pkt.	\$0.05
—carmine.	Carmine, 1 ft.	“	.25	“ .05
—crimson, Dunnett's.	Crimson, 1 ft.	“	.25	“ .05
—Empress.	White, 1 ft.	“	.35	“ .05
—Giant Hyacinth-Flowered.	White, 1 ft.	“	.40	“ .05
—Little Prince.	A dwarf Empress. White, ¾ ft.	“	.50	“ .05
—odorata.	White, 1 ft.	“	.25	“ .05
—Rocket.	White, 1 ft.	“	.25	“ .05
—Rose Cardinal.	Rose, 1 ft.	“	.40	“ .05
—umbellata.	Purple, 1 ft.	“	.25	“ .05
—mixed.	Mixed, 1 ft.	“	.25	“ .05
—dwarf hybrid.	Mixed, ¾ ft.	“	.60	“ .05
—Queen of Italy.	Pink, 1 ft.	“	.30	“ .05

Perennial Candytuft, see *Iberis*.

Centaurea (*Cornflower*).

C. Cyanus is the favorite **Bachelor's Button**, or **Ragged Sailor**. This class is of the easiest culture and produces an abundance of bright colored and beautifully formed flowers throughout a very long season. The strain of seed we offer is a very much improved one and embraces everything desired in color and form. Sow seed early outdoors and thin out the plants to 6 or 8 inches apart, or in boxes in the house, and transplant when large enough. The flowers when cut and placed in water increase in size.

Cyanus Emperor William (hA).	Blue, 1 ft., per oz.	\$0.25	pkt.	\$0.05
—brown, 1 ft.	“	.25	“	.05
—red, 1 ft.	“	.25	“	.05
—pink, 1 ft.	“	.25	“	.05
—Victoria, blue, ¾ ft.	“	.45	“	.10
—lilac, 1 ft.	“	.25	“	.05
—purple, 1 ft.	“	.25	“	.05
—white, 1 ft.	“	.25	“	.05
—double mixed, 1 ft.	“	.25	“	.05
—single mixed, 1 ft.	“	.25	“	.05
Americana.	Reddish lilac, 3 ft.	“	.40	“ .05
—alba, white, 3 ft.	“	“	“	.10

Imperialis alba. White. A new race of hy-

brids. Very large. Sweetly scented flowers. Continuous bloomers and extremely hardy, 3 ft. pkt. \$0.10

—Armida, lilac.	“	.10
—Favorita, rose.	“	.10
—purpurea, purple rose.	“	.10
—splendens, dark purple	“	.10
—mixed	“	.10

Moschata (Sweet Sultan). Mixed, 1 ½ ft. per oz. \$0.30 “ .05

Sauveolens (Yellow Sweet Sultan). Yellow, 1 ½ ft. “ .40 “ .05

Centaurea (*Perennial Flowering*).

These differ from the *Cyanus* in their stronger growth, greener foliage and larger, sweeter flowers. To obtain bloom the first season, seed should be sown early indoors. Any ordinary garden soil will answer, but a warm light one gives best results.

Odorata Chameleon.	Yellow and rose, 1 ½ ft.	per oz. \$1.50	pkt. \$0.10
—Margaret, pure white, 2 ½ in. across, 1 ½ ft.	“	1.50	“ .10

Centaurea Silver-Leaf (*Dusty Miller*).

Beautifully cut silvery leaves. These plants are much used for bedding and edging, and thrive almost anywhere. A little care is necessary in watering young seedlings, as they are liable to damp off.

—candidissima (hhP), 1 ft.	per ¼ oz. \$1.00	pkt. \$0.10
—Clementei	“ .75	“ .10
—gymnocarpa	per oz. .80	“ .10

See Special Offers on third page of cover.



Bachelor's Button.

Chrysanthemums, Annual or Summer Flowering.

All the summer flowering chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. The flowers are very beautiful both in form and coloring and are produced abundantly all summer. Sow seed where the plants are wanted to bloom and thin out to 9 inches apart; or stronger, earlier flowering plants can be had by sowing early in a cold frame or in a box in the house, and transplanting when large enough.

Coronarum. White, 1½ ft....per oz. \$0.25	pkt. \$0.05	Erfurt Star. Quilled petals, mixed, 1 ft.....	pkt. \$0.10
—yellow, 1½ ft.....	.25 "	Fringed hybrids, 1½ ft.....per oz. \$1.00	" .10
—sulphur, 1½ ft.....	.25 "	Inodorum, double, hP. White, 1 ft.....	per oz. \$0.75 "
—imbricatum, mixed, 1½ ft.....	.30 "	Frutescens (Marguerite or Paris Daisy), hP. White, golden centre. These are the Paris Daisy. They are attractive garden plants and valuable for cutting, 1 ft. per oz. \$1.00	" .10
—mixed, 1½ ft.....	.25 "	—grandiflora lutea. Golden Marguerite, hP. 1½ ft.....	per oz. \$1.25 "
Tricolor, double. Golden-leaved, mixed, 1½ ft.....	per oz. \$0.30 "	Comtesse de Chambord (Yellow Paris Daisy), hP. 1 ft.....	per oz. \$1.00 "
—Dunnett's Double Golden, yellow, 1½ ft.....	per oz. \$0.75 "	Uliginosum, hP. White, 1½ ft. " 1.00	" .10
—Eclipse, brown and yellow, 1½ ft. "	.40 "	Maximum Perfection, hP. White, 2 ft.....	per oz. \$1.25 "
—Burridgeanum, white and red, 1½ ft.....	per oz. \$0.35 "		
—Purple Crown, scarlet and yellow, 1½ ft.....	per oz. \$0.40 "		
—scarlet, 1½ ft.....	.25 "		
—white, 1½ ft.....	.25 "		
—yellow, 1½ ft.....	.25 "		
—double mixed, 1½ ft.....	.30 "		

Cockscomb (Celosia).

The Cristata sorts have become very popular for bedding; their beautifully formed, highly colored flowers being very attractive and effective. The Plumosa class is splendid in both foliage and flower, very suitable for vases, borders, etc. The "Ostrich Feather" produces large plumes, beautifully curved and curled.

Seed should be sown in a hotbed in March or April, and transplanted to pots when large enough. The size of the combs of the Cristata are greatly increased by several transplantings before the combs form.

Cristata dwarf chamois. Fawn, ¾ ft.....	per oz. \$2.50	pkt. \$0.05
—copper-color, bronze, ¾ ft.....	2.50 "	.05
—dark crimson, ¾ ft.....	2.50 "	.05
—Empress, purple, ¾ ft.....	7.00 "	.10
—Glasgow Prize, crimson, ¾ ft.....	4.00 "	.10
—golden yellow, ¾ ft.....	3.00 "	.05
—Queen, rose, ¾ ft.....	3.00 "	.05
—scarlet, ¾ ft.....	2.50 "	.05
—violet, ¾ ft.....	2.50 "	.05
—Vesuvius, scarlet, ¾ ft.....	2.50 "	.05
—mixed, ¾ ft.....	1.50 "	.05
Collection. 12 dwarf sorts, .60.		
Plumosa. Crimson, 2 ft.....	.50 "	.05
—golden yellow, 2 ft.....	.50 "	.05
—Thompson's Superb, crimson, 2 ft.....	.75 "	.05
—Ostrich Feather, crimson, 3 ft.....	.75 "	.05
—orange, 3 ft.....	.75 "	.05
—mixed.....	.50 "	.05



Coreopsis—Calliopsis.

Double hybrids, hA. Various colors, 1½ ft.....	per oz. \$0.40	pkt. \$0.05	Grandiflora, hP. Yellow, 2 ft..	.50 "	.05
Tom Thumb Crimson King, hA. ½ ft....	" .10		Lanceolata, hP. Yellow, 2 ft....	.50 "	.05
Mixed, hA. 1½ ft.....	per oz. \$0.25	" .05	Perennials, hP. Mixed. Various colors, 2 ft.....	per oz. \$0.50	" .05



Celosia—Plumosa.

Coreopsis (Calliopsis).

A genus of very showy annual and perennial plants that are invaluable for garden decoration and cutting. They enhance the color of the garden by their wealth of bright yellow flowers, which is strengthened in some sorts by disks of rich crimson, maroon and various shades of brown. All are of the easiest culture. The seed may be sown where the plants are wanted to bloom, or they may be transplanted. The perennials are all hardy border plants and well worthy a place in every garden. The flowers last well when cut.

Atrosanguinea, hA. Crimson, 2 ft.....	per oz. \$0.25	pkt. \$0.05
California Sunbeams, hA. Shades of yellow, 2 ft. "	.50 "	.05
Bicolor marmorata, hA. Yellow and brown, 2 ft. "	.25 "	.05
—nana, hA. Mixed, 1 ft.....	.30 "	.05
—tinctora, hA. Yellow and brown, 2 ft.....	.30 "	.05
Coronata, hA. Yellow, 2 ft.....	.40 "	.05
Drummondii, hA. Yellow and brown, 1 ft.....	.30 "	.05

See Special Offers on third page of cover.

Cosmos (Cosmea).

We especially recommend Smith's Massachusetts grown Cosmos as the most desirable and most satisfactory for growing in New England. Under ordinary cultivation they will begin to bloom in July and continue up to frost. The flowers are of good size and delicate shades.

Sow seeds of Smith's Early Flowering varieties in open ground, in light warm soil, early in May and cover not more than half an inch deep. The seed germinates in about ten days. The Cosmos must have the full sunshine, as it will not succeed in shade or in low damp ground. Stable manure and a rich soil will produce too much plant growth at the expense of flowers. High-grade fertilizer, rich in potash, such as *Breck's Lawn and Garden Dressing*, gives best results. Seeds of the later varieties should be sown early in March in a hot-bed or box in the house. When plants are 2 inches high transplant into 2-inch pots, when well established report into 4-inch pots and water moderately. Transplant to open ground in June. When necessary tie to stakes to prevent injury from wind storms.



Smith's Early Blooming. Pink, 3 ft.....per oz. \$0.75 pkt. \$0.10			
—white, 3 ft.....	"	.75	" .10
—mixed, many beautiful shades, 3 ft.....	"	.75	" .10
Camelliaflora. Pink, 5 ft.....			
—red.....	"	.50	" .05
—white.....	"	.50	" .05
—mixed.....	"	.50	" .05
Fringed. Pink.....			
—white.....	"	.50	" .05
—Klondyke, yellow, 3 ft.....	"	1.50	" .10
Giants'. Pink.....			
—red.....	"	.50	" .05
—white.....	"	.50	" .05
Giants'. Mixed.....			
—Golden Yellow.....	"	.50	" .05
—Margarite.....	"	.50	" .05
—Tints of Dawn.....	"	.50	" .05
—Choice Mixture, above sorts...	"	.50	" .05

Eschscholtzia (California Poppy).

Large showy flowers in shades of yellow, orange, rose and white. The foliage is bluish green and very attractive. For a display in beds and borders as well as for cutting, these flowers are very satisfactory. The plants are fairly hardy and seed may be sown quite early where wanted to bloom. They are somewhat impatient of transplanting.

Californica, hA. Yellow and orange,			
1 ft.....	per oz. \$0.25	pkt. \$0.05	
—rose cardinal.....	" .30	" .05	
—alba, white.....	" .25	" .05	
—canaliculata rosa. Rosy white, fluted petals.....	per oz. \$0.50	" .05	
—mixed.....	" .25	" .05	
Giant (Hunnemannia). Yellow..	" .40	" .05	
Crocea. Orange.....			
—alba fl. pl., double. White....	" .30	" .05	
Mandarin. Orange and scarlet.	" .30	" .05	
Maritima (Maltese Cross). Yel-			
low.....	per oz. .30	" .05	
Tenuifolia (Fern-Leaved). Yel-			
low.....	per oz. .30	" .05	
Mixed	" .30	" .05	

Breck's Silver Medal Hollyhocks (Althæa Rosea).

The fungi disease, that for a time made Hollyocks unpopular, has to a great extent been overcome by propagating healthy plants through several generations, and saving seed from them only. It is still advisable, however, to spray the plants once or twice during spring, and again before coming into bloom, with Bordeaux Mixture.

Breck's Silver Medal strain of seed is American grown, and is, we believe, superior to any obtainable in vigor of growth, texture, quantity and range of color of flowers.

Although Hollyhocks are perennials, young plants produce larger flowers and fresher colors than old ones, therefore we recommend the sowing of seed every year. Plants will flower the same year from seed sown in the greenhouse in January and grown on in pots until time for setting outdoors. Sowings can also be made from May to August for the following year's flowering; when the plants are large enough, transplant to a rich, cool soil, giving each at least a foot of space for growth. The permanent border or location in which they are set should be dug deep and well manured. Abundance of water should be supplied throughout the entire season of growth.

Breck's Silver Medal, hP. Mixed. Very choice, contains every desirable color, 6 ft.....			
	per oz. \$2.50	pkt. \$0.10	
Chater's Double. Mixed.....	" 2.00	" .10	
Double. Mixed.....	" 1.50	" .05	
Single. Mixed.....	" 1.50	" .05	
Collection. 12 distinct colors, \$1.00.			
Allegheny. Mixed. Semi-double, fringed flowers.....	" 1.50	" .10	

Strong Flowering Plants, 25 cts. each, \$2.50 per doz., \$18.00 per 100.

See Special Offers on third page of cover.



Hollyhocks.

Larkspur (Delphinium).

Larkspurs thrive in any good garden soil, but are of much better color and texture of flower when grown in a deep, rich, sandy loam. Both the annual and perennial sorts are easily raised from seed, but as it is somewhat slow in germinating fall or very early spring sowing is recommended. The perennial sorts are also propagated by cuttings and divisions of roots. Seedlings should be given plenty of room by transplanting; they may be set out where they are intended to flower any time in May or June. The tall sorts are very suitable for setting among shrubbery and in borders; the dwarfier kinds are effective for beds. Two crops of flowers can be had each season by cutting away the flower stems of the first crop as soon as the flowers have faded.

Bismarck , hA. Red stripe d, 1 ft.....	pkt. \$0.05	Elatum , (Bee Larkspur), hA. Blue, 4	feet.....	per oz. \$0.40	pkt. \$0.05
Candelabrum , hA. Double, mixed,		Formosum , hP. Blue and white, 2½	feet.....	per oz. \$0.50	" .05
1½ ft.....	per oz. \$0.75	Grandiflorum album , hP. White, 2	feet.....	per oz. \$0.50	" .05
Double Dwarf Rocket , hA. Mixed, 1	ft.....	Double Hybrids , hP. Mixed, 2	feet.....	per oz. \$2.00	" .05
	per oz. \$0.30	Nudicaule , hP. Scarlet, 1½ ft..	" 2.50	" .10	
Emperor , hA. Mixed, 1½ ft....	" .40	Zalil , hP. Yellow, 1 ft.....	"	" .10	
Giant Hyacinth Flowered , hA. Mixed,	2 ft.....	Collection . 6 varieties, Dwarf Rocket, .30.			
	per oz. \$0.30	Collection . 6 varieties, Tall Rocket, .30.			
Tall Rocket , hA. Mixed, 2½ ft. "	.30				
Cardinale , hP. Scarlet, 3 ft.....	" .10				
Cashmerianum , hP. Purplish blue, 3 ft....	" .25				
Chinese Double , hP. Blue, 2 ft..per oz.	\$0.40				

Marigolds (Tagetes). (See also *Calendula*.)

For adding shades of yellow to the garden effect in late summer and autumn the African and French Marigolds are unsurpassed. They make nice beds when grown together, the French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colorless spots. The seed we offer is *Scotch grown* especially for us and produces flowers that cannot be equalled. Sowings should not be made outdoors until danger from frost is passed.

Breck's Scotch Prize . African lemon, hA, 2 ft....	per oz. \$0.30	pkt. \$0.05
—quilled.....	" .30	" .05
—orange.....	" .30	" .05
—quilled.....	" .30	" .05
—El Dorado, yellow.....	" .30	" .05
—Pride of Garden, yellow, 1½ ft.....	" .30	" .05
—mixed, 2 ft.....	" .30	" .05
—collection of 6 distinct varieties, .25		
— French Tall Double . Mixed, 2 ft.....	" .30	" .05
—dwarf double, mixed, 1 ft.....	" .30	" .05
—striped, brown and yellow.....	" .30	" .05
—purple and gold.....	" .30	" .05
—gold edged, ¾ ft.....	" .30	" .05
—mixed, 1 ft.....	" .30	" .05
—collection 6 distinct varieties, .25.		

**Tagetes Signata Pumila.**

—collection 12 distinct varieties, .40.

Signata Pumila. Brown and yellow, 1 ft.....

Signata Pumila . Golden ring, brown and yellow.....	per oz. \$0.40	" .05
—Cloth of Gold, yellow.....	" .40	" .05

Mignonette (Reseda Odorata).

Well known, fragrant favorites, delightful for working into bouquets. For winter flowering seed should be sown in July or August. All the sorts we offer are very fine, but especial attention is called to Breck's Giant Machet and Golden Machet as being particularly good and the most desirable for pot culture. A succession of bloom during both summer and winter may be had by repeated sowings.

Grandiflora , hA. White, 1 ft..per oz.	\$0.15	pkt. \$0.05	Golden Machet . Yellow.....	per oz. \$0.50	pkt. \$0.10
Allen's Defiance . Red and white,			Golden Queen . Yellow.....	" .30	" .05
1½ ft.....	per oz. \$0.50	" .05	—Goliath. Bright red, very large, 2 ft.....	"	.10
—Bismarck. Machet type, reddish colored	flowers.....	" .10	Miles' Spiral . White, 1½ ft....per oz.	\$0.25	" .05
Breck's Giant Machet . Red..per oz.	\$0.50	" .10	Parson's White . White.....	" .25	" .05
Crimson Giant, or Queen . Red. "	.30	" .05	Victoria . Red.....	" .50	" .10
Gabriele . Red.....	" .50	" .10	White Prize . White.....	" .30	" .05

Breck's Rainbow Nasturtiums (Tropæolum).

Many people are disappointed in the Nasturtiums they raise. A great variety of soft and pleasing colors were looked for, but only old hard reds and yellows were produced. This result is chiefly due to importing cheap seeds in mixture from Europe. The seed we offer is an *American product*. All the different sorts and colors are grown separately, so that we have opportunity to choose only the really beautiful kinds. These we mix ourselves in proper proportion so that our customers may be assured of having all the effective shades of *pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white*. Seed may be planted, one inch deep, early in April, where wanted to bloom or in any convenient place, and the plants when large enough transplanted to the beds, etc.



See Special Offers on third page of cover.

NASTURTIIUMS—Continued.

Lobb's Nasturtiums (*Tropæolum Lobbianum*) are more delicate in flower and foliage than the others, and equally desirable.

Dwarf Varieties.

—Aurora, yellow veined, $\frac{3}{4}$ ft.	per oz.	\$0.15	pkt.	\$0.05
—Beauty, yellow and scarlet.	"	.15	"	.05
—black (King Theodore).	"	.15	"	.05
—bronze.	"	.15	"	.05
—cœrulea rosea, peach.	"	.15	"	.05
—crimson.	"	.15	"	.05
—Crystal Palace Gem, spotted.	"	.15	"	.05
—Cloth of Gold, yellow.	"	.15	"	.05
—Empress of India, dark leaved, crimson	.15	"	.05	
—Golden King, yellow.	"	.15	"	.05
—King of Tom Thumbs, carmine.	"	.15	"	.05
—Lady Bird (Bird Flower,) orange and red	.15	"	.05	
—Pearl, white.	"	.15	"	.05
—Ruby King, carmine.	"	.15	"	.05
—rose.	"	.15	"	.05
—scarlet.	"	.15	"	.05
—spotted.	"	.15	"	.05
—yellow.	"	.15	"	.05
—Breck's Rainbow Mixture.	"	.15	"	.05

per lb. \$1.75

—collection, 12 distinct varieties, .50

Lilliput. Mixed, $\frac{1}{2}$ ft. per oz. .25 " .05

Tall or Climbing Sorts.

—atropurpureum, dark crimson, 10 ft	.15	"	.05
—coccineum, scarlet	"	.15	.05
—cœruleum roseum, dark rose.	"	.15	.05
—Dunnett's Orange, orange.	"	.15	.05
—Edward Otto, lilac.	"	.15	.05

Tall or Climbing Sorts.

—Heinemanni, chocolate.	per oz.	\$0.15	pkt.	\$0.05
—hemisphericum, orange.	"	.15	"	.05
—King Theodore, marbled.	"	.15	"	.05
—luteum, yellow.	"	.15	"	.05
—Moonlight, pale straw.	"	.15	"	.05
—regelianum, violet.	"	.15	"	.05
—Scheurvianum, sulphur.	"	.15	"	.05
—coccinium, yellow striped.	"	.15	"	.05
—Sunlight, golden yellow.	"	.15	"	.05
—mixed.	"	.15	"	.05

—collection, 12 colors, .50

Tropæolum Lobbianum, Asa Gray, white,

8 ft.	per oz.	\$0.50	"	.10
—Brilliant, scarlet.	"	.25	"	.05
—Crown Prince, dark red.	"	.25	"	.05
—Giant of Battles, carmine.	"	.25	"	.05
—Good Venture, choice mixture.	"	.25	"	.05
—Lili Smith, crimson and scarlet.	"	.25	"	.05
—Lucifer, dark crimson.	"	.25	"	.05
—Napoleon III, striped.	"	.25	"	.05
—Roi des Noirs, black.	"	.25	"	.05
—Spitfire, scarlet.	"	.25	"	.05
—yellow.	"	.50	"	.10
—mixed.	"	.25	"	.05

—collection, 12 colors, .50.

Mme. Gunther's Hybrids. Mixed " .25 " .05

Peregrinum (Canary Bird Flowers). yellow. \$0.35 " .10

Pansy (Viola Tricolor).

The Pansy is one of our specialties. Nearly all the seed we offer is grown for us under contract, by persons who give special attention to their particular pet strain. For size and form of flowers, variety and brilliancy of colors and markings, there is nothing approaches those we offer. *Breck's Boston Prize* is an American strain and is superior to any European mixture. Since Mr. Bugnot's death we have had grown for us by a French Pansy Specialist seed of that famous strain. Our present grower is familiar with the methods followed by Mr. Bugnot and continues them with satisfactory results. The flowers are immensely large and wonderful in their coloring.

The *English* and *Scotch Prize Pansies* are remarkably fine; they are from the finest collections in these countries.

Our *Trimardeau Pansies* embrace the cream of that type, and will give perfect satisfaction in every particular.

Pansies repay good treatment in profusion and size and brightness of flower, as well as in large, handsome foliage. They delight in a cool moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well, although the flowers produced are not so large.

Breck's Boston Prize, hP. Mixed. 1 ft. per oz. \$7.00 pkt. \$0.25

Breck's International Prize. Mixed. 4.00 " .15

Bugnot's Private Strain. Mixed.50

Bugnot's Blotched. Mixed. pkt. \$0.25

Belgian Blotched. Mixed, $\frac{3}{4}$ ft. per oz. \$2.50 " .10

Cassier's Giant Odier. Mixed " 5.00 " .20

English Fancy. Mixed. 2.00 " .10

—Show. Mixed. 2.00 " .10

Lyon Perfection. Mixed. 5.00 " .20

Scotch Prize. Mixed. 5.00 " .20

Trimardeau, or Giant, Mixed.

Mixed. per oz. \$3.00 " .10

—atropurpurea. Purple. 3.00 " .10

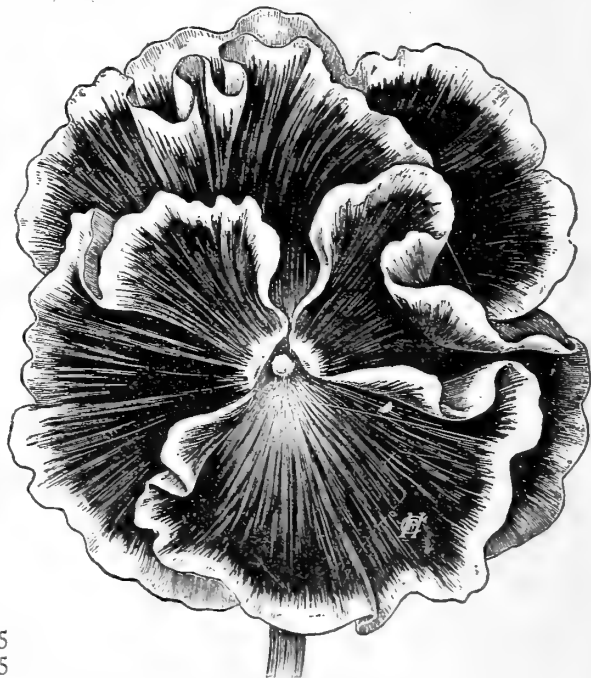
—Emperor William. Blue. 3.00 " .10

—golden yellow. Yellow. 4.00 " .10

—Golden five spotted. Variegated " 3.00 " .10

—King of the Blacks. Dark purple. " 3.00 " .10

—Lord Beaconsfield. Yellow and white. per oz. \$2.50 " .10



Masterpiece.

Trimardeau, or Giant.

—red and brown shades. per oz. \$4.00 pkt. \$0.10

—striped. Striped. 2.50 " .10

—yellow marbled. Variegated. 3.00 " .10

—white, dark eye. White and purple. per oz. \$2.50 " .10

Large-flowered. Azure blue, $\frac{1}{2}$ ft. " 1.25 " .10

—black, yellow eye. 1.25 " .10

—bronze. 1.25 " .10

—brown. 1.25 " .10

—Candidissima (Snow Queen). White. 1.25 " .10

—Cardinal. Red. 3.00 " .10

—dark blue. 1.25 " .10

—Emperor William. Blue. 1.25 " .10

—fawn. 1.25 " .10

See Special Offers on third page of cover.

PANSIES—Continued.**Large-flowered.**

—Faust, or King of Blacks.....	per oz.	\$2.00	pkt.	\$0.10
—gold margined.....	"	1.25	"	.10
—Havana brown.....	"	1.25	"	.10
—Lord Beaconsfield. Blue and white	"	1.25	"	.10
—mahogany color.....	"	1.25	"	.10
—dark, white edge.....	"	1.25	"	.10
—striped.....	"	1.50	"	.10
—Victoria. Red.....	"	3.00	"	.10
—violet.....	"	1.50	"	.10

Large-flowered.

—Tufted Pansies. All the fine colors, ¾ ft. ...	pkt.	\$0.20
—Masterpiece. Giant curled, blue and white, ¾ ft.	"	.10
—La Parisienne. Mixed, fine large flowers, light colors, ¾ ft.	per oz.	\$2.50
—choice mixed.....	"	2.50
—fine mixed.....	"	1.00
—collection, 18 colors, .80.		
—collection, 12 colors, .60.		
—collection, 6 colors, .30.		

**Shirley Poppies.****Poppy (Papaver).**

These beautiful varieties of poppies are so well known that it is needless to say anything in their favor. Quite a number of the perennial varieties bloom the first year from seed if sown early. The *Alpinum* sorts are of low growth and constant bloomers. Cardinal hybrids embrace several shades of rose, chamois, and brick red. Chinese have double feathery flowers. *Danebrog*, bright scarlet, with a white spot at the base of each petal. *Lævigatum* single, scarlet, black spots and white margin. *Mephisto*, scarlet and black spots. *Mikado*, feathery petals, white fringed with crimson. The *Nudicaule* are all charming sorts that bloom very early. Oriental, one of the best, dark scarlet with a purple spot at the base of each petal. *Pavonium*, scarlet, with a black horseshoe-shaped blotch at the base of each petal. *Shirley* is fine for cutting, having long stems. The new strain we offer produces softer and more pleasing shades than we have offered hitherto. *Yellow Rose*, carnation-flowered sort, with pale yellow and rose flowers. *Boston Peerless* embraces a choice assortment of single and double sorts.

Sowings made in August, and again several times during

spring, will produce a continuous bloom from early summer until frost. The seed should be sown where the plants are wanted to bloom, as Poppies do not take kindly to transplanting. Cover only very lightly, and firm the soil with a flat board. When large enough, thin out the plants to about a foot apart. A sandy loam and early spring sowings produce the best flowers.

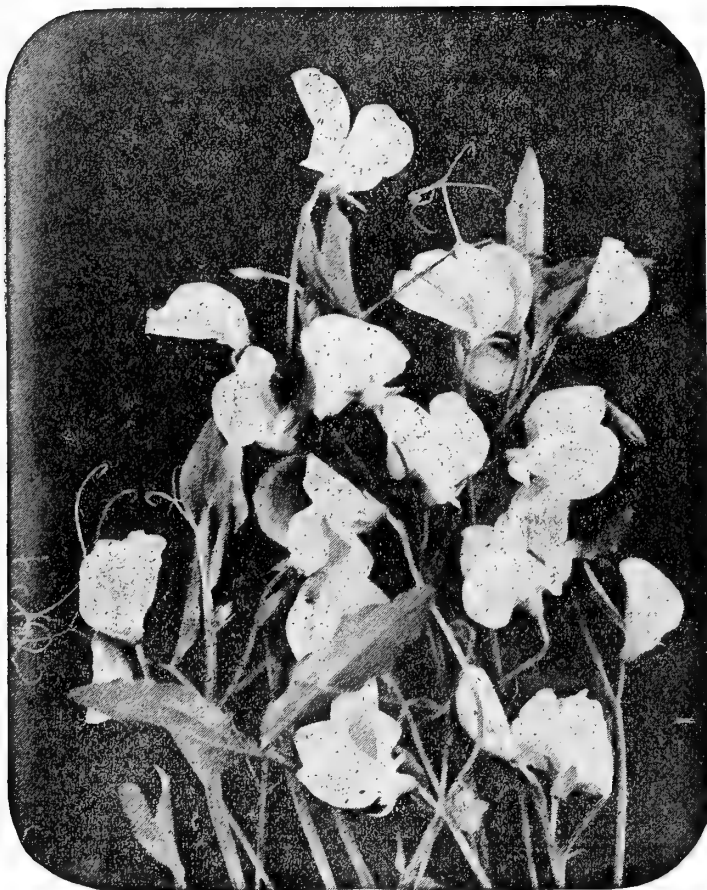
Alpinum album , thP. White, 1 ft., ¼ oz.	\$2.00	pkt.	\$0.05
—roseum, rose, thP, 1 ft. ¼ oz.	\$2.00	.....	" .05
—fringed, thP. White, salmon, rose, orange, mixed, 1 ft.		.....	" .10
—mixed, thP, 1 ft., ¼ oz.	\$1.50	.....	" .05
Bracteatum , thP. Red, 4 ft.	per oz.	\$0.30	" .05
Cardinal , hA. Double, scarlet, 1½ ft.	per oz.	\$0.60	" .10
—hybridum, hA. Double, mixed, 1½ ft.	per oz.	\$0.30	" .05
Chinese , hA. Mixed double, scarlet and white, 1 ft.	per oz.	\$0.30	" .05
Carnation , hA. Double, mixed, 2 ft.	per oz.	\$0.25	" .05
Danebrog (Danish Flag), hA. Scarlet and white, 2 ft.	per oz.	\$0.25	" .05
Glaucum (Tulip Poppy), hA. Scarlet, 1 ft.	per oz.	\$0.75	" .05
Lævigatum , hA. Scarlet and black, 1½ ft.	per oz.	\$1.00	" .05
—Miss Sherwood, hA. Satiny white and rose, 2½ ft.	per oz.	\$0.75	" .10
—Maid of the Mist, hA. White, single pæony flowered, 2 ft.			" .10
Mephisto , hA. Crimson and black, 2 ft.	per oz.	\$0.25	" .05
Mikado , hA. Double, scarlet and white, 1 ft.	per oz.	\$0.25	" .05
—May Campbell, hA. Double, snowy white 1½ ft			" .10
Nudicaule (Iceland Poppy), thP. Yellow, 1½ ft.	per oz.	\$1.00	" .10
—fl. pl., thP. Double, yellow, 1½ ft.		5.00	" .10

Nudicaule alba, thP. White, 1½ ft.	per oz.	1.00	pkt.	\$0.10
—aurantiacum, thP. Orange, 1½ ft.		.75	"	.10
—coccineum, thP. Double, scarlet, 1½ ft.	per ¼ oz.	\$2.25	"	.10
—striped, thP. Golden yellow and orange, 1½ ft.			"	.10
—mixed, single, thP, 1½ ft.	per oz.	\$0.75	"	.10
Oriental (Oriental Poppy), hP. Scarlet and purple, 2 ft.	per oz.	\$1.75	"	.10
Pavonium (Peacock Poppy), hA. Scarlet and blue, 1 ft.	per oz.	\$0.50	"	.05
Pæony-flowered , hA. Double, mixed, 1½ ft.	per oz.	\$0.25	"	.05
Ranunculus-flowered , hA. Mixed, 2 ft.	per oz.	\$0.25	"	.05
Shirley , hA. Mixed, 1½ ft. ....		.50	"	.05
—Dwarf, hA. The Shirley colors, 1 ft.			"	.10
Somniferum (Opium Poppy), hA. White, 3 ft.	per oz.	\$0.25	"	.05
Umbrosum , hA. Crimson, 1½ ft.		.30	"	.05
Victoria Cross , hA. Crimson and white, 1½ ft.	per oz.	\$0.30	"	.05
White Swan , hA. Double, white, 2 ft.	per oz.	\$0.50	"	.05
Yellow Rose , hA. Double, yellow, 1½ ft.	per oz.	\$0.75	"	.05
Collection. 12 annual varieties, .50.				
Collection. Carnation-flowered, 12 colors, .40.				
—Pæony-flowered, 12 colors, .40.				
Boston Peerless , hA, 2 ft.	per oz.	\$0.60	"	.10
Collection. 6 perennial varieties, .25.				

Extract from letter written by
DANIEL WEBSTER TO HIS FARMER, JOHN TAYLOR,
September 14th, 1851.

If you have not the right seed send for it to Mr. Breck.
... Be careful on this point.

See Special Offers on third page of cover.

Sweet Peas (*Lathyrus odoratus*), Eastern Grown.

Sweet Peas.

The Collection of Nine for 35 cents. The Collection of Twenty for 75 cents.

GENERAL LIST. 10 cts. per oz.; 5 cts. per pkt., except as noted.

Aurora. Flaked orange-salmon, largest striped.
Black Knight. Deep maroon.
Blanche Burpee. Large, pure white.
Blanche Ferry. Extra early. Fine pink and white.
Blushing Bride. Bright rose and white.
Brilliant. Bright scarlet, sunproof.
Captain of the Blues. Standard light maroon.
Captivation. Beautiful claret color.
Chancellor. Bright shade of orange-pink.
Colonist. Soft lilac, overlaid with rose.
Coquette. Primrose-yellow, shaded pale lavender.
Coronet. White, striped orange-pink.
Countess Cadogan. Reddish-mauve.
Countess of Aberdeen. Soft pink, turning to pale rose.
Crown Jewel. Primrose ground, veined with violet-rose.
Daybreak. Watered crimson-scarlet on white ground.
Duke of Sutherland. Deep claret and indigo-blue.
Earliest of All. Pink and white, 10 days earlier than others.
Emily Eckford. Reddish-mauve standard, wings blue.
Emily Henderson. Pure white, blooms quite early.
Emily Lynch. Deep rosy-pink, shaded buff.
Firefly. A fiery shade of scarlet.
Gorgeous. Salmon-orange, wings softer and deeper.
Gray Friar. Watered purple on white ground.
Harvard. The true Harvard crimson.
Juanita, or Celestial. White, striped lavender.
Lady Grisel Hamilton. Pale lavender-blue.
Lady Mary Currie. Orange-pink, shaded rosy-lilac.
Lady Nina Balfour. Very delicate mauve.
Little Dorrit. Pink standard, white wings.
Lottie Eckford. White, suffused with lavender-blue.
Lottie Hutchins. Cream, flaked with pink.
Lovely. Soft shell-pink.

We have endeavored to simplify the selecting of Sweet Peas by reducing our list of varieties, and by specifying those sorts that, in the opinion of leading specialists, are most representative and desirable for persons who desire to grow the named kinds but who have not facilities for, or do not care to bother with, the very long list of sorts now offered.

We were the first seedsmen in America to make a specialty of Sweet Peas, and can in all modesty claim to have done much to improve and popularize these gems of beauty and fragrance. We still maintain our position, with the largest stock of the best strains of the kinds that give satisfaction to planters, and our customers will find here catalogued as full a representation of colors and forms as necessary.

A large proportion of the seed we offer was grown in New York State, consequently is of more vigorous habit and healthier than much of the seed generally offered that is produced in milder climates; neither is this Eastern grown seed as liable to fungi attack and blight as the other. We caution our friends to be wary of low priced Sweet Peas as these are generally "volunteer" or spontaneous crops that have come up in fields where Sweet Peas were formerly planted. There is rarely health, variety or anything else the Sweet Pea lover wishes for in such seeds.

Seeds should be sown as early as possible, in drill six inches deep. At the time of sowing cover only with one inch of soil and fill in the drill as the young plants grow, taking care not to cover the top of the plants. A deep, rich soil and a sunny situation is best.

BRECK'S BOSTON MIXTURE. The very best mixture offered at any price. It includes in good proportions over sixty of the choicest kinds. Oz. 10 cts.; 1/4 lb., 25 cts.; 1 lb. 75 cts.

ECKFORD'S MIXTURE. Lb. 60 cts. **GOOD MIXTURE.** Lb. 50 cts. **SIXTY ONE-OUNCE PACKAGES,** each distinctly labeled, selected from the following sorts, \$3.00.

THE BEST NINE SWEET PEAS. SCARLET SHADES: Gorgeous, Mars, Salopian. **WHITE SHADES:** Blanche Burpee, Sadie Burpee, Snowdrift. **BLUE SHADES:** Countess Cadogan, Lady Grisel Hamilton, Navy Blue.

THE BEST TWENTY SWEET PEAS. Earliest of All, Captivation, Chancellor, Coronet, Emily Eckford, Gorgeous, Lady Grisel Hamilton, Lady Mary Currie, Lottie Hutchins, Lovely, Mars, Mrs. Eckford, Navy Blue, Othello, Prince Edward of York, Prince of Wales, Princess of Wales, Royal Rose, Sir George White, Triumph.

Maid of Honor. White, edged with blue.

Mars. Very bright scarlet, large, and finely formed.

Modesty. Delicate shade of pink.

Mont Blanc. As early as "Earliest of All." Pure white, fine form. 20 cts. pkt.

Mrs. Eckford. Beautifully shaded primrose-yellow.

Mrs. Jos. Chamberlain. Striped bright rose on white.

Navy Blue. Largest size, deep violet-blue.

New Countess. Beautiful lavender.

Othello. Deep glossy maroon.

Pink Friar. Carmine-rose, suffused on silvery white.

Prima Donna. A lovely, soft shade of pink.

Prince Edward of York. Standard scarlet, wings rose.

Prince of Wales. Bright rose.

Princess of Wales. Striped, mauve on white.

Queen Victoria. Primrose, overlaid with faint purple.

Ramona. White, daintily splashed with pale pink.

Red Riding-Hood. Rosy-pink.

Royal Rose. Deep rosy-pink.

Sadie Burpee. Very large and fine. Pure white.

Salopian. Very fine scarlet.

Senator. Striped. Bright brown and chocolate.

Sensation. White, suffused with faint blush.

Shahzada. Dark maroon, shaded purple.

Sir George White. A very fine white.

Snapdragon. A white "Red Riding-Hood."

Snowdrift. A splendid white.

Splendor. Superb bright rose, shaded crimson.

Stanley. Rich, dark maroon.

Stella Morse. Primrose, flushed pink.

Triumph. Standard orange-pink, wings white, flushed.

Venus. Salmon-buff, shaded rosy-pink.

Double Sweet Peas. Mixed in eleven varieties.

See Special Offers on third page of cover.

SWEET PEAS—Continued.

Cupid Sweet Peas. These beautiful little miniature plants produce large sized flowers quite freely, and in dry seasons they are in some respects preferable to the tall growing kinds.

Apple Blossom. Large, beautifully hooded flowers, borne four on a stem. Bright rose and pink.....	per oz.	\$0.10	pkt.	\$0.05
Alice Eckford. Rich cream tinted standard, white wings.....	"	.10	"	.05
Beauty. Standard rose-colored, shaded lighter, wings rosy-carmine.....	"	.10	"	.05
Boreatton. Standard rich wine-brown with deeper veinings, wings deep mauve.....	"	.10	"	.05
Captain of the Blues. Standard reddish-purple, tinted with violet, wings approaching deep blue.....	"	.10	"	.05
Countess of Radnor. Standard lavender, suffused with rose, wings light lavender.....	"	.10	"	.05
Firefly. Standard glowing scarlet, wings deep, rich rose.....	"	.10	"	.05
Pink Cupid. Bright pink.....	"	.10	"	.05
Primrose. A rich creamy tint.....	"	.10	"	.05
Royalty. Deep rosy-pink.....	"	.10	"	.05
Stella Morse. Standard buff, tinted with apricot, wings soft rosy-carmine.....	"	.10	"	.05
White Cupid. Pure white. The first of this race.....	"	.10	"	.05
Bush Sweet Peas. Gray Friar. Grows in perfect bush form and does not require a trellis. Height about 18 inches. The flowers are all borne at the top of the plants.....	"	.10	"	.05
Monarch. True bush habit. Flowers bronzy-maroon.....	"	.10	"	.05
Blanche Burpee. White. (2 pkts. for 25 cts.).....	"	.15	"	.05
Prima Donna. Soft pink. (2 pkts. for 25 cts.).....	"	.15	"	.05
Senator. Silver gray, striped with claret. (2 pkts. for 25 cts.).....	"	.15	"	.05

Sunflowers (Helianthus).

Most Sunflowers being of coarse growth are not suited for beds or ornamental locations near the house, but are very desirable for growing in shrubberies, against fences, or making backgrounds for, and mixing in borders. They do well in any kind of land, from light sandy to swampy; they, however, do not grow to perfection if heavily shaded. Seeds may be sown where the plants are wanted, or indoors in March and April, and transplanted when weather is suitable. *Argophyllus* has beautiful silvery foliage. *Californicus*, large double orange colored flowers. *Cucumerifolius* is of branching habit and covered with small dark centred flowers. *Early Double Flowered* produces flowers from July until frost. *Folia aurea variegata* and *nana variegata* have beautiful yellow splashed foliage. The *multiflorus* are showy perennial varieties. *Golden Bouquet* and *Stella* are particularly desirable on account of their early blooming qualities. *Lenticularis* of graceful branching habit.

Argophyllus (Texas Silver Queen) hA, 6 ft.....	per oz.	\$0.20	pkt.	\$0.05
Californicus double , hA, 4 ft..	"	.15	"	.05
Cucumerifolius , hA, 4 ft.....	"	.25	"	.05
Early Double Flowered , hA, 6 ft.	"	.25	"	.05
Folia aurea variegata , hA, 5 ft.	"	.25	"	.10
Globulus fistulosus plenus , hA, 4 ft.....	per oz.	\$0.20	"	.05
—multiflorus, thhP, 6 ft.....	"	.30	"	.05
—plenus. (<i>Golden Ball Dahlia</i>), thhP, 5 ft.....	"	\$0.30	"	.05
Golden Bouquet , hA, 3 ft.....	pkt.	\$0.05		
Giant Russian , hA, 7 ft.....	"	.05		
Lenticularis (Thousand Flowered), hA, 10 ft.....	per oz.	\$0.30	"	.05
Nana variegata , hA, 3 ft.....	"	.30	"	.05
Orion , cactus-dahlia like flowers, hA, 4 ft.....	per oz.	\$0.30	"	.05
Henry Wilde , black centre, hA, 3 ft.....	per oz.	\$0.30	"	.05
Stella , hA, 4 ft.....	"	.30	"	.05
Mixed , hA, varied.....	"	.15	"	.05

Breck's Zinnias.

Breck's Defiance is without exception the finest strain of large Double Zinnias offered. The plants are of vigorous branching habit and produce freely immense double flowers in an endless variety of splendid colors; not the old hard red, but innumerable delicate and velvety shades. The separate colors are saved from the same collection, which is admitted to be the finest in Europe. Seed sown early in heat will begin to bloom in June and continue until frost, or seed may be sown outdoors where the plants are intended to bloom.

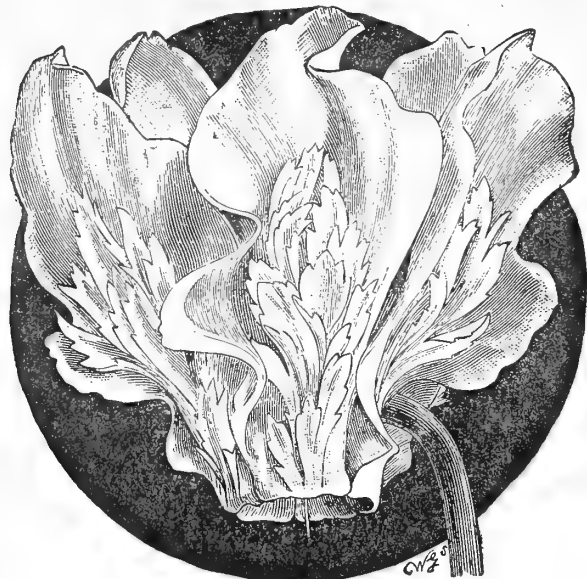
—Breck's Defiance, tall double, mixed, hA, 2 ft.....	per oz.	\$0.50	pkt.	\$0.05
—carmine, hA.....	"	.50	"	.05
—crimson, hA.....	"	.50	"	.05
—flesh pink, hA.....	"	.50	"	.05
—golden yellow, hA.....	"	.50	"	.05
—light yellow, hA.....	"	.50	"	.05
—lilac, hA.....	"	.50	"	.05
—purple, hA.....	"	.50	"	.05
—rose, hA.....	"	.50	"	.05
—scarlet, light, hA.....	"	.50	"	.05
—scarlet, dark, hA.....	"	.50	"	.05
—striped, hA.....	"	.50	"	.05
—white, hA.....	"	.50	"	.05
Dwarf , mixed, hA, 1½ ft.....	per oz.	\$0.60	pkt.	\$0.05
Dwarf , also in above colors separate, hA.....	per oz.	\$0.60	"	.05
Collections 6 colors, hA, .30.				
Large robust , mixed, hA, 2½ ft..	"	.75	"	.10
Lilliput , mixed, hA, ¾ ft.....	"	.75	"	.10
Tom Thumb , mixed, hA, ½ ft...	"	1.00	"	.10
Curled and Crested , mixed, hA, 1 ft.....	"	.75	"	.10
Haageana , double, yellow, hA, 1 ft.....	"	1.25	"	.10

It always gives me great pleasure to recommend your seeds to others, as we find them superior to any others we can buy.

W. S. PATTERSON,

Mgr. L. L. Hopkins, Esq.

Manchester, Mass.

**CYCLAMEN — Bush Hill Pioneer.****Papilio.**

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Abobra</i> , see Climbers					
<i>Abronia</i> arenaria	hhA	trai.	yel.	.50 5	Sweet scented, verbena-like trailers. Do best in light soil. Sow in open ground in May.
umbellata grandiflora	"	"	rose	.50 5	
villosa	"	"	pur.	.50 5	
<i>Abutilon</i> , see Seeds for Greenhouse					
<i>Abyssinian Grass</i> , see Ornamental Grasses					
<i>Acacia</i> , see Seeds for Greenhouse					
<i>Acanthus</i> mollis	hP	3	white	5	Ornamental foliage, valuable for decorative purposes.
<i>Achillea</i> ptarmica, flore pleno (Yarrow)	"	1	"	10	
The Pearl	"	1 1/2	"	10	Flowers freely throughout summer and autumn. Excellent for cutting.
<i>Achimenes</i> , see Seeds for Greenhouse					
<i>Aconitum</i> napellus (Monks Hood)	"	3	blue	5	Popular plants, adapted to shady situations.
pyrenaicum	"	"	yel.	5	
mixed	"	"	mix'd	1.00 5	
<i>Acroclinium</i> , see Everlastings					
<i>Adenophora</i> liliifolia	"	3	l. blue	10	Free flowering, fragrant border plant.
<i>Adlumia</i> (Alleghany Vine), see Climbers					
<i>Adonis</i> autumnalis	hA	1	crim.	.35 5	A desirable border plant, free flowering.
æstivalis	"	"	scar.	.35 5	
vernalis	hP	1 1/2	yel.	.30 5	
<i>Æthionema</i> grandiflora	"	1	rose	1.25 5	
<i>African Rose</i> , see Hibiscus					
<i>Agathea</i> celestis (Blue Marguerite)	tP	2	blue	5	Small daisy-like flowers.
<i>Ageratum</i> , (see page 89.)					
<i>Agrostemma</i> Cœli-Rosa (Rose of Heaven)	hA	1	rose	.25 5	All easily grown, free flowering attractive plants. The perennial sorts do well in dry situations.
— — alba	"	"	white	.25 5	
coronaria alba	thP	1 1/2	"	.25 5	
— rosa (Rose Campion)	"	2	rose	.25 5	
Flos Jovis (Jove's Flower)	"	"	"	.35 5	
mixed	"	"	mix'd	.25 5	
<i>Agrostis</i> , see Ornamental Grasses					
<i>Allium</i> Neapolitanum	hP	1 1/2	white	5	Sow in hot-bed and plant out after middle of May. Being continuous bloomers they are desirable for bedding.
<i>Alonsoa</i> albiflora	hhA	1 1/2	white	.30 5	
grandiflora	"	"	scar.	.30 5	
linifolia	"	"	"	.30 5	
myrtifolia	"	2 1/2	"	.35 5	
Warscewiczii	"	2	"	.30 5	
<i>Althæa</i> rosea, see Hollyhock					
<i>Aloysia</i> citriodora (Lemon Verbena), see Seeds for Greenhouse					
<i>Alstroemeria</i> mixed hybrids	tP	3	mix'd	1.50 10	The flowers are of great brilliancy. They succeed in any soil and are adapted for cutting.
pulchella	"	"	y. & r.	10	
<i>Alyssum</i> (Sweet Alyssum). (See page 89.)					
<i>Amaranthus</i> Abyssinicus	hhA	3	d. red	.25 5	Very striking plants on account of their beautiful varied colored foliage.
bicolor ruber	"	"	red	.30 5	

See Special Offers on third page of cover.

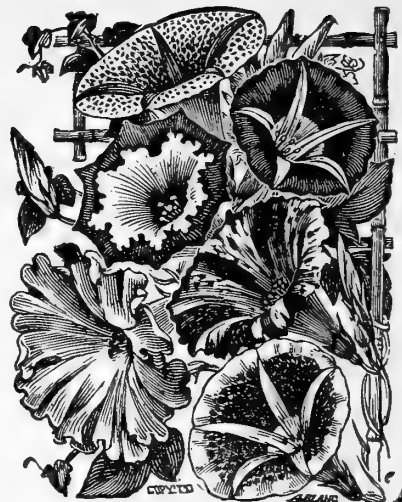
NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per		DESCRIPTION.
				Oz.	Pkt.	
Amaranthus. — <i>Continued.</i>						
caudatus (Love Lies Bleeding)	hhA	3	red	.20	5	age or peculiar mode of bloom. The leaves are always largest when the plants are grown on rich soil, but rather poor soil enhances the coloring. The seed can be sown in the house, or in a hot-bed and transplanted to place where wanted for effect. If sown out doors the soil should be very fine and the spot protected until the plants are well started.
cruentus (Prince's Feather)	"	"	crim.	.20	5	
Henderi	"	"	cr. & y.	.50	5	
melancholicus ruber	"	2	red	.30	5	
Princess of Wales	"	"	cr. & y.	.50	5	
salicifolius (Fountain Plant)	"	2½	red	.70	5	
tricolor giganteus	"	6	mix'd	.50	5	
—splendens (Joseph's Coat)	"	3	sc. & y.	.50	5	
finest mixed	"	var.	mix'd		5	
collection 12 choicest sorts						
Ammobium , see Everlastings						
Ampelopsis , see Climbers						
Anagallis (Pimpernelle)						
grandiflora superba	hhA	½	mix'd	.50	5	Constant bloomers, suitable for beds, rockwork, etc. Plant in sunny situations.
Anchusa angustifolia	thP	2	blue	.50	5	
Barrelieri	"	"	d. blue	.75	5	Flowers somewhat like Forget-me-not. Very ornamental and of long duration when cut.
capensis	"	"	pur.	.30	5	
Andropogon , see Ornamental Grasses						
Anemone (Wind Flower)						
coronaria	hP	1	mix'd	.80	5	Spring and autumn flowering plants that require a rich, deep soil. The Japanese sorts flower in the fall and are especially beautiful.
—St. Brigid, Poppy-flowered	"	"	"		10	
Japanica rosea	"	2½	rose	2.00	10	
—alba, Honorine Jobert	"	"	white	2.00	20	
Pennsylvanica	"	1½	"	1.00	10	
sylvestris (Snowdrop Wind Flower)	"	1	"		5	A beautiful winter pot plant. Long spikes of cup shaped flowers. Very fragrant.
Angelonia grandiflora	thhP	"	pur.		10	
—alba	"	"	white		20	
Animated Oats , see Ornamental Grasses.						
Antirrhinum (Snap Dragon). (See page 90)						
Anthemis (Chamomile) Arabica	hP	2	yel.	.30	5	Free flowering plants that do well in any situation.
tinctoria	"	"	"	.60	5	
Aquilegia (Columbine). (See page 90.)						
Aralia Sieboldi	hhP	3	white		10	Handsome palm-like shrub. White spring flower, trailing habit.
Arabis alpina	"	1½	"		5	
Arctotis breviscapa	"	"	or'ge		5	Seed should be started in heat. Very showy bedding plant for dry situations.
—grandis	hA	2	w. & y.		10	
Argemone grandiflora (Prickly Poppy)	hA	2	white	.30	5	Large glaucous foliage and poppy-like flowers.
Aristolochia , see Climbers						
Armeria (Thrift or Sea Pink)						
formosa	hP	½	d. cr.		5	Fine for edgings or borders. The bright, tufted flowers are produced all summer.
maritima splendens	"	1	d. rose		5	
Arnebia cornuta	hhA	"	y. & m.		10	Fine for cutting. Flowers freely all summer. Seed should be started in heat.
Arundo , see Ornamental Grasses						
Asclepias tuberosa (Milkweed)	hP	1½	or'ge		5	A showy plant for the border.
Asparagus , see Seeds for Greenhouse						
Asperula azurea setosa	hhA	¾	blue	.20	5	Sweet scented, long bloomers, suitable for cutting.
odorata (Woodruff)	hP	1½	white	.25	5	
Asphodelus albus	"	2	wht.		5	Showy border plants with long spikes of flower. They do well in any soil.
luteus	"	4	yel.		5	
Asters (see also pages 91–93.)						
Perennial (Michaelmas Daisy)						
—alpinus speciosus	thhP	1	pur.	3.00	15	These are easily raised from seed and make attractive, autumn flowering border plants.
—bessarabicus	"	2	blue	1.00	10	
—gymnocephalus	"	"	rose	3.00	15	
—mixed	"	varied	mix'd	2.00	5	
Aubrietia , Bougainvillei	hP	trai.	pur.	1.25	10	A spring-flowering, Alyssum-like plant, fine for rockwork, etc.
Leichtlinii (rosy carmine)	"	"	car.		10	
Avena , see Ornamental Grasses						
Baby's Breath , see Gypsophila paniculata						
Bachelor's Button , see Centaurea cyanus						
Balloon Vine , see Climbers						
Balsam (Impatiens), double white	hhA	2	white	.75	5	Magnificent summer and autumn flowering annuals. A rich sandy loam is
double red	"	"	red	.75	5	
camellia-flowered, Alba Perfecta	"	"	white	2.00	10	



CAMPANULA.



CHRYSANTHEMUM.—Frutescens.



CONVOLVULUS.

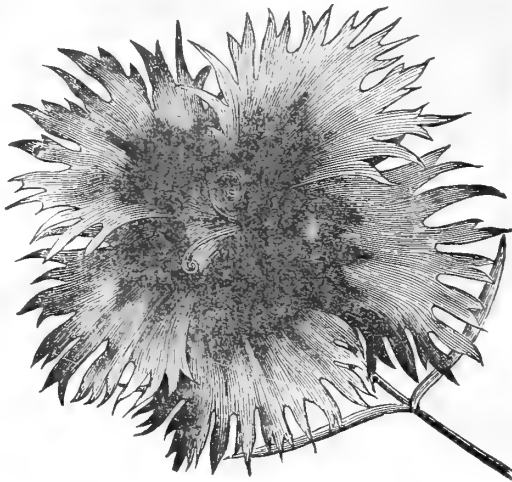
NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Balsam.—Continued.					
— mixed	hhA	2	mix'd	.75 5	} most suitable for them. They must be kept well watered. If transplanted several times the plants have a tendency to dwarf and produce more double flowers. Seed may be started early in heat or outdoors in May.
— collection, 6 distinct colors	"	"	"	.75 5	
carnation striped, mixed	"	"	strip.	.75 5	
rose-flowered, mixed	"	"	mix'd	.75 5	
— collection, 6 distinct colors	"	"	"	.75 5	
dwarf double, mixed	"	1 1/4	"	.75 5	
choice mixture	"	2	"	.50 5	} These form no tubers, but are grown for their ornamental foliage.
Bartonia aurea	hA	3	yel.	.30 5	
Bean , Climbing, see (Phaseolus) Climbers	"	"	"	.20 5	
Beet , Brazilian, golden veined	"	1 1/2	"	.20 5	} A favorite dwarf plant for beds, flowers early in spring. Seed may be sown in heat or in open ground in May.
— scarlet veined	"	"	"	.20 5	
Begonia , see Seeds for Greenhouse					
Bellis perennis (Double Daisy)	thP	1/2	white	3.00 10	
alba fl. pl	"	"	red.	4.00 10	
rubra fl. pl	"	"	pink	4.00 10	} Flowers resemble the Calliopsis.
Longfellow	"	"	mix'd	3.00 10	
double mixed	"	"	d. red	.75 5	
Bidens atrosanguinea	hhP	2	yel.	.75 5	} Ornamental foliage plant, may be grown singly or in clumps.
grandiflora	hA	"	"	.75 5	
Bignonia , see Climbers					
Bocconia Japonica	hP	6	white	10	} Easily grown and very ornamental.
Boston Ivy , see (Ampelopsis) Climbers					
Brachycome (Swan River Daisy) —					
iberifolia	hhA	1	blue	.60 5	} Profuse flowering plants of easy culture; bloom all summer.
alba	"	"	white	.60 5	
Briza , see Ornamental Grasses					
Brizopyrum , see Ornamental Grasses					} Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
Bromus , see Ornamental Grasses					
Browallia Czerwiakowski	"	1 1/2	d. blue	.75 5	
elata	"	"	blue	.75 5	} A fine annual for either house or garden cultivation. Valuable for bouquets.
— alba	"	"	white	.75 5	
— purpurea	"	"	pur.	1.00 5	
Rœzli	"	"	w. & b.	.75 5	} Easily grown and very ornamental.
mixed	"	"	mix'd	.60 5	
Byronopsis , see Climbers					
Buphthalmum (Ox-Eye) —					} Profuse flowering plants of easy culture; bloom all summer.
salicifolium	hP	2	yel.	.75 5	
Cacalia (Tassel Flower) aurea	hhA	1 1/2	"	.30 5	
coccinea	"	"	scar.	.30 5	} Fine for dry or sandy situations. The seed should not be sown until warm, settled weather.
Calandrinia grandiflora	†tP	1	pur.	.30 5	
speciosa alba	hA	"	white	.30 5	
umbellata	"	1/2	crim.	.75 5	} Linum-like flowers. Continue in bloom all summer.
Calceolaria , see Seeds for Greenhouse...					
Calendula (Pot Marigold). (See page93).					
Calliopsis , see Coreopsis					} Linum-like flowers. Continue in bloom all summer.
Callirhoe lineariloba	hP	1	d. car.	.75 5	
pedata nana compacta	hA	"	d. rose	.50 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Calampelis , see Climbers					
California Native Flowers	hA	var.	mix'd	50	An assortment of some of California's native wild flowers, each in separate package distinctly named, fine for the mixed border.
Campanula (Canterbury Bell)—					
carpatica	hP	1	blue	.50 5	These are well-known favorites. Seed may be sown in the open ground in April or May. The annual and biennial sorts will bloom the first year; the perennials early the year following. They all like a good rich soil. All of them are exceedingly beautiful and attractive, especially when the different colors are planted together.
—alba	"	1½	white	.50 5	
Japonica	"	2	blue	.75 10	
macrostyla	hA	"	rose	1.00 5	
mirabilis	hP	"	l. blue	1.00 10	
persicifolia grandiflora	"	3	"	1.50 10	
—alba	"	"	white	1.50 10	
pyramidalis compacta alba	"	"	"	1.50 5	
speculum (Venus Looking Glass).....	hA	1½	mix'd	.50 5	
medium double mixed	thB	2½	"	.75 5	
—single, mixed	"	"	"	.30 5	
—calycanthema (or cupped) mixed	"	"	"	1.00 5	
—Dean's hybrids, double and single.....	"	"	"	5	
Candytuft (Iberis). (See page94.)					
Perennial Candytuft, see Iberis.					
Canna , dark-leaved varieties.....	hhP	5	"	.30 5	To grow from seed, cut through the hard outer covering, soak for ten hours and plant the seed half an inch deep. A warm moist temperature is necessary. C. variegata is grown for its ornamental leaves. It is novel and beautiful; the leaves being lined and blotched with red and yellow.
green-leaved varieties	"	"	"	.25 5	
Crozy's Large Flowered, mixed	"	3	"	.25 10	
variegata	"	"	"	10	
collection, 12 Crozy's varieties.....75	"	"	"		Ornamental habit. Suitable for backs of borders, etc.
Cannabis gigantea (Giant Hemp).....	hhA	8		.30 5	
Cardiospermum , see Climbers					
Carduus benedictus (Blessed Thistle).....	hA	2	yel.	.30 5	Easily grown and very pretty.
Castor Oil Plant , see Ricinus.....					
Carnation , see Dianthus caryophyllus					
Celosia (Cockscomb). (See page95.)					
Centaurea (see page 94.)					
Centranthus , mixed.....	hA	1½	mix'd	.25 5	Clusters of long tube-like flowers.
Cerastium tomentosum	thP	½	white	.75 5	Dwarf silver-leaved plant, valuable for edging.
Chamæpeuce					
cassabonæ (Fish Bone Thistle).....	hP	1½		1.00 5	Thistle-like plants, with ornamental foliage.
diacantha	"	"	yel.	.75 5	
Chelone barbata Torreyi.....	thhP	2	scar.	.30 5	Pentstemon-like flowers. Brilliant colors.
hybrida	"	"	mix'd	.30 5	
Chinese Pink , see Dianthus Chinensis					
Chloris , see Ornamental Grasses					
Chloropsis , see Ornamental Grasses					
Chrysurus , see Ornamental Grasses					
Chrysanthemum (see page95).....					
Cineraria (Dusty Miller) maritima.....	hhP	1½	yel.	.30 5	Silver foliage plants, suitable for ribbon beds and edging.
candidissima	"	"	"	.30 5	
hybrida, see Seeds for Greenhouse.					
Clarkia elegans alba	hA	"	white	.30 5	Sow the seed in the open border in April. They are of easy cultivation, very pretty and free flowering, the double varieties being especially beautiful. They are all suitable for vases or hanging baskets.
—rosea, dwarf.....	"	1	rose	.30 5	
—Purple King, double.....	"	1½	pur.	.30 5	
—Salmon Queen.....	"	"	pink	.30 5	
—mixed, single and double.....	"	"	mix'd	.25 5	
pulchella	"	"	"	.30 5	
Clematis , see Climbers					
Clianthus , see Seeds for Greenhouse					
Clintonia pulchella	"	¾	bl. & w.	5	A lobelia-like plant, charming for edging or rockwork.
Cobæa , see Climbers					
Cockscomb , see Celosia					
Coix , see Ornamental Grasses					
Coleus , see Seeds for Greenhouse					
Collinsia , mixed.....	"	1	mix'd	.25 5	Beautiful free flowering plants for beds or mixed borders.
Columbine , see Aquilegia					



DIANTHUS.—Heddewegii.



DIANTHUS.—Laciniatus.



DIANTHUS.—Chinensis fl. pl.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Commelina</i> cœlestis.....	†hP	1 ½	bl. & w.	5	} Tuberos rooted, very showy plants suitable for pots or borders.
<i>Convolvulus</i> Minor (Dwarf Morning Glory)					
tricolor.....	hA	1	varied	.25 5	} A dwarf Morning Glory suitable for growing in clumps or beds, and fine for hanging baskets, window boxes, etc.
Rose Queen.....	"	"	rose	.25 5	
splendens.....	"	"	violet	.25 5	
white.....	"	"	white	.25 5	
mixed.....	"	"	mix'd	.20 5	
mauritanicus.....	†hhP	¾	blue	1.00 10	
<i>Convolvulus</i> Major, see Climbers					
<i>Coreopsis</i> (Calliopsis) (see page95)					
<i>Cosmanthus</i> fimbriata.....	hA	1	flesh	5	} Small spreading plants, pretty fringed flowers. Large Coreopsis-like flowers.
<i>Cosmidium</i> Burridgeanum.....	"	2	or'ge	.25 5	
<i>Cosmos</i> (Cosmea) (see page96)					
<i>Cowslip</i> , see <i>Primula veris</i>					
<i>Crepis</i> (Hawk Weed).....	hA	1	mix'd	.25 5	} Showy, continuous blooming annual. Desirable for borders or rockwork.
<i>Crucianelle</i> stylosa.....	hP	"	pink	5	
<i>Cucumis</i> , see Climbers					
<i>Cucurbita</i> , see Climbers					
<i>Cuphea</i> , see Seeds for Greenhouse					
<i>Cyclamen</i> , see Seeds for Greenhouse					
<i>Cyclanthera</i> , see Climbers					
<i>Cypress Vine</i> , see Climbers					
<i>Dahlia</i> , cactus, mixed.....	†hhP	3	mix'd	1.00 10	} We offer seed from the finest collection in Europe. If the seed is started early in a hot-bed an abundance of flowers will be produced the same season. They like a rich, deep soil. The roots should be housed during winter. <i>D. Glory</i> flowers vary in size from one to three inches and are <i>sca-</i> <i>bious</i> -like in construction. <i>Monarch</i> is a cross between a double and cactus, very large semi-double.
double grandiflora.....	"	4	"	1.50 10	
—Pompon ..	"	2	"	2.00 10	
—Tom Thumb.....	"	1 ½	"	10	
—Glory.....	"	3	"	10	
—Monarch.....	"	3	d. red	10	
—Golden Ball, see Sunflower	"				
Breck's single.....	"	4	mix'd	1.75 10	
<i>Daisy</i> , double, see <i>Bellis</i>					
Swan River, see <i>Brachycome</i>					
Paris, see <i>Chrysanthemum frutescens</i>					
<i>Datura</i> (Trumpet Flower)					
Cornucopia.....	hA	2	w. & p.	.40 5	} In large clumps, or borders of shrub- bery, these produce an excellent effect. They delight in a light sandy soil.
Golden Queen.....	"	"	yel.	.40 5	
humilis, double.....	"	3	"	.40 5	
Wrightii.....	†tP	2	w. & li.	.30 5	
mixed annuals.....	hA	varied	mix'd	.30 5	
<i>Delphinium</i> (Larkspur) (see page97)					
<i>Devil-in-a-Bush</i> , see <i>Nigella</i>					
<i>Dew Plant</i> , see <i>Mesembryanthemum tri-</i> color					

See Special Offers on third page of cover.

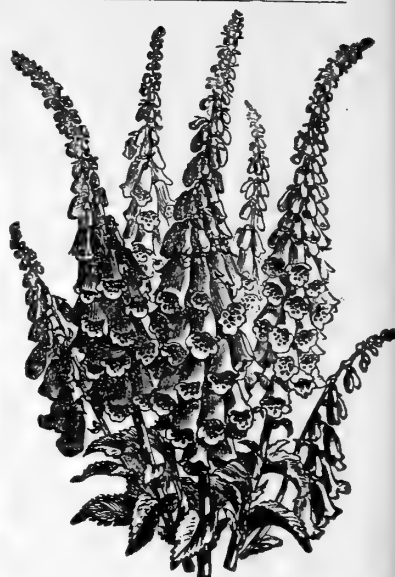
NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Dianthus (Pink)					
Chinensis, double mixed.....	thB	I	mix'd	.30 5	The biennial sorts are all well known favorites that flower the first season. The colors of the Heddewegii vary through all shades of crimson to a delicate rose.
Heddewegii, single.....	"	"	"	.40 5	
—double.....	"	"	"	.50 5	
—alba, double.....	"	"	white	.75 5	
—atropurpureus.....	"	"	red	.75 5	
diadematus, double.....	thP	"	mix'd	.60 5	
imperialis, double.....	"	"	"	.30 5	
laciniatus.....	"	"	"	.50 5	
—Crimson Bell.....	"	"	crim.	.60 5	
—Salmon Queen.....	"	"	pink	.60 5	
double mixed.....	"	"	mix'd	.60 5	The Diadematus shades from rose to purple. They are all exceedingly ornamental, and suitable alike for beds, borders, house cultivation and cutting. Sweet fragrance and great diversity in color and form are theirs peculiarly.
—nanus hybridus.....	"	3/4	"	5	
plumarius (Pheasant's Eye).....	"	I	w. & p.	.30 5	
The Bride.....	"	"	"	.75 5	
collection, 12 varieties.....	40				
barbatus, single mixed (Sweet William)...	hP	I 1/2	mix'd	.30 5	
—double mixed.....	"	"	"	.60 5	
caryophyllus, Margaret, rose.....	thhP	I	rose	2.25 10	
—white.....	"	"	white	3.00 10	
—violet.....	"	"	violet	3.00 10	
—mixed.....	"	"	mix'd	1.50 10	These bloom in about four months from time of sowing and produce 80 per cent double flowers. They are remarkable for the richness and profuseness of bloom as well as for vigor of growth.
—malmaison, mixed.....	"	"	"	3.00 10	
—Giant, mixed.....	"	I 1/2	"	2.00 10	
—Giant, sulphur yellow.....	"	"	yel.	10	
—Nice Giants, double.....	"	"	mix'd	10	
—Chabaud, Perpetual.....	"	"	"	3.50 10	
—Dwarf Perpetual.....	hhP	I	"	6.00 10	
—Giant Perpetual.....	thhP	I 1/2	"	25	
—Countess of Paris.....	hhP	"	yel.	25	
—Grenadin.....	"	"	scar.	2.00 10	Our seeds are saved especially for us by the best German and French growers, and are the very best obtainable.
—white.....	"	"	white	10	
—Picotee mixed.....	"	I	mix'd	25	
—collection of 12, carnations and Picotee.....	75				
—Hardy Garden, double rose.....	"	"	rose	3.00 25	
—white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	3.00 10	
Perpetual Perfection.....	"	I 1/2	"	25	
Dictamnus fraxinella.....	hP	2	pur.	.40 5	A great favorite with bees. Very ornamental and sweetly scented.
—alba.....	"	"	white	.60 5	
Digitalis (Foxglove) gloxiniaflora.....	"	4	mix'd	.25 5	
grandiflora.....	"	"	yel.	.25 5	
maculata superba.....	"	3	spot.	.35 5	
purpurea.....	"	"	pur.	.25 5	
alba.....	"	"	white	.25 5	
mixed.....	"	"	mix'd	.40 5	
Dodecatheon Meadia (American Cowslip).....	"	I	pur.	10	
Dolichos , see Climbers					Elegant, succulent plants for carpet bedding.
Dutchman's Pipe , see Climbers					
Echeveria hybrida.....	hhP	1/3	mix'd	20	
metallica, glaucous foliage.....	"	"	yel.	50	
Eragrostis , see Ornamental Grasses					
Erianthus , see Ornamental Grasses					
Erigeron aurantiacus.....	hP	3/4	or'ge	5	
Erysimum arkansanum.....	hA	I 1/2	yel.	.25 5	
Erythrina (Coral Tree)					
crista-galli.....	hhP	3	scar.	1.00 10	
Eschscholtzia (California Poppy) (see page 96.)					Makes a fine tree in a sheltered location. Seed should be started in heat.
Eucalyptus globulus (Blue Gum Tree)....	hP	100		.40 5	
Eulalia , see Ornamental Grasses					
Eucharidium Breweri.....	hA	I	rose	3.00 10	
grandiflorum.....	"	"	mix'd	.50 5	
Euphorbia heterophylla (Mexican Fire Plant).....	"	4		.75 10	
variegata (Snow on the Mountain).....	"	I 1/2		.50 5	
				.50 5	



ESCHSCHOLTZIA.



CALENDULA.



FOXGLOVE.

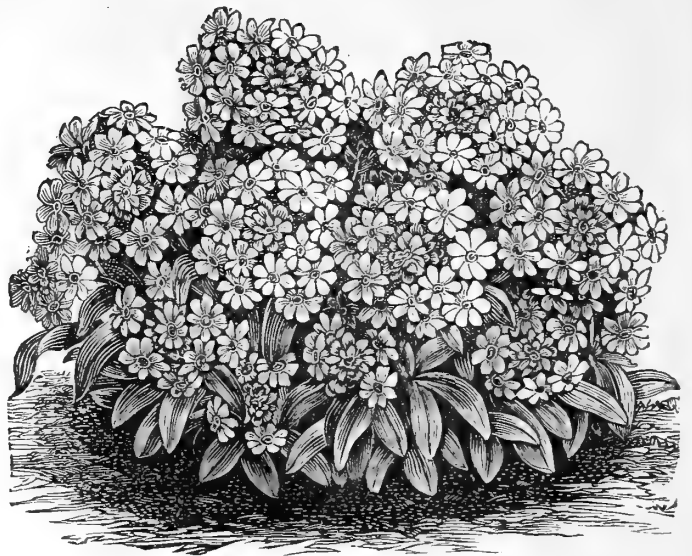
NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Eutoca</i> multiflora.....	thB	1 1/2	pink		} Suitable for beds or mixed borders. Extra good for cutting, Requires considerable moisture. Very pretty for ribbons, beds or pot culture.
viscida	"	1	blue	.40 5	
<i>Fenzlia</i> dianthiflora.....	hA	1/4	rose	3.00 10	
alba.....	"	"	white	3.00 10	
<i>Festuca</i> , see Ornamental Grasses					
<i>Feverfew</i> , see Pyrethrum and Matricaria					
<i>Flax</i> , see Linum					
<i>Fountain Plant</i> , see <i>Amaranthus salicifolius</i>					
<i>Four o'Clock</i> , see <i>Mirabilis</i>					
<i>Foxglove</i> , see <i>Digitalis</i>					
<i>Fuchsia</i> , see Seeds for Greenhouse					
<i>Funkia</i> alba (White Plain Lily).....	hP	1 1/2	white	10	} An excellent border plant. The flowers are borne on spikes well above the foliage. They prefer a dry situation. Seed may be sown any time in spring outdoors, in a good light soil. They bear a profusion of beautifully formed brilliant colored flowers, are valuable alike for beds and cutting. The perennial sorts if sown indoors or in a hot-bed bloom splendidly the first season.
cœrulea	"	"	blue	10	
<i>Gaillardia</i> (Blanket Flower) picta	hA	"	r. & y.	.25 5	
—lorenziana, double.....	"	"	mix'd	.30 5	
amblyodon	"	2	red	.30 5	} Produces numerous spikes of elegant white and red tinted flowers.
mixed	"	varied	mix'd	.30 5	
grandiflora maxima.....	thhP	1 1/2	yel.	.30 5	
—superba.....	"	"	r. & y.	5	
—folia-variegata.....	"	"	"	10	} Dwarf growing, very beautiful, hardy herbaceous plants.
<i>Galega</i> officinalis.....	hP	3	blue	5	
—alba.....	"	"	white	5	
<i>Gaura</i> Lindheimeri	thhP	"	w. & r.	.30 5	
<i>Gentiana</i> acaulis (Blue Gentian).....	hP	1/2	blue	.75 5	} Showy plants of the easiest culture. Produce an abundance of flowers suit- able for cutting.
cruciata	"	1	l. blue	.75 5	
lutea	"	3	yel.	.75 5	
<i>Geranium</i> , see Seeds for Greenhouse					
<i>Geum</i> coccineum, fl. pl., double.....	"	1 1/2	scar.	.75 5	} Old-fashioned favorites that bloom throughout the entire season, suitable for any situation.
japonicum.....	"	"	yel.	5	
<i>Gesneria</i> , see Seeds for Greenhouse					
<i>Gilia</i> achilleæfolia.....	hA	1	blue	.30 5	
tricolor (white, lilac and purple).....	"	"	tri.	.30 5	} A showy border plant with silver gray foliage.
<i>Glaucium</i> luteum (Horn Poppy).....	thP	2	yel.	.75 5	
<i>Globe Amaranth</i> (<i>Gomphrena</i>), see Ever- lastings					
<i>Gloxinia</i> , see Seeds for Greenhouse					
<i>Godetia</i> , Duchess of Albany.....	hA	1 1/2	white	.75 5	} One of the most desirable annuals. They produce throughout the entire season an abundance of beautiful flowers in a great variety of delicate colors. They
Gloriosa.....	"	1	red	.75 5	
Lady Alhermarle.....	"	"	crim.	.30 5	
The Bride.....	"	"	w&car.	.30 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Godetia. — <i>Continued.</i>					
Yellow Queen.....	hA	1½	yel.	.75 5	are of very easy culture and suitable for beds, mixed borders and ribbons.
mixed.....	"	"	mix'd	.25 5	
Gourds (Cucurbita), see Climbers.					
Gynierium , see Ornamental Grasses.					
Gypsophila cerastioides.....	hP	¾	white	5	Easily grown free flowering plants, suitable for rockwork, shrubberies, etc. Their fine feathery appearance makes them especially suitable for bouquets.
elegans.....	hA	1	"	.30 5	
—rosea.....	"	"	rose	.30 5	
muralis.....	"	½	red	.50 5	
paniculata.....	hP	2	white	.30 5	
Hare's Tail , see Ornamental Grasses.					
Hawkweed , see Crepis.					
Helenium Douglasii.....	"	2	yel.	5	} Showy single yellow flowers.
Bigelowii.....	"	3	"	10	
Helianthus (Sunflower), (See page 101.)					
Heliopsis Pitcheriana.....	"	"	"	10	Calliopsis-like. Very fine for cutting.
Heliotrope , see seeds for Greenhouse.					
Helleborus (Christmas Rose) niger.....	"	1	pink	5	} Will bloom in midwinter if afforded the protection of a cold frame.
New Hybrids.....	"	"	mix'd	10	
Hesperis (Sweet Rocket), mixed.....	"	1½	"	.25 5	Transplant every second year.
Heuchera sanguinea.....	"	2	crim.	2.00 15	Graceful spikes suitable for cutting.
Hibiscus Africanus (African Rose).....	hA	2	yl&br	.25 5	} Beautiful and showy plants; remarkable for the size and fine colors of flowers. The perennial sorts should be sown early indoors in order to get a successful flowering the same season.
militaris (Marsh Mallow).....	thP	3½	rose	3.00 5	
moscheutos albus.....	"	3	white	.75 5	
palustris roseus.....	"	"	rose	1.00 5	
Crimson Eye.....	hA	5	w&cr.	.75 10	
Golden Bowl.....	"	"	yel.	1.50 10	
Hollyhock (Althæa rosea) (See page 96.)					
Honesty , see Lunaria.					
Humea , see Seeds for Greenhouse.					
Humulus (Hop), see Climbers.					
Iberis (Candytuft) Gibraltaria.....	hP	¾	pink	3.00 10	} Beautiful, hardy, dwarf-growing spring flowering plants.
jucunda.....	"	"	crim.	10	
sempervirens.....	"	1	white	1.25 5	
Ice Plant , see Mesembryanthemum crystallinum.					
Impatiens sultani (Perennial Balsam).....	hhP	1	scar.	10	} Brilliant colored single flowers throughout a long season.
Hybrids, mixed.....	"	varied	mix'd	10	
Inula ensifolia.....	thP	1½	yel.	10	The plants are of fine bush form, and covered with bloom.
Ipomæa , see Climbers.					
Iris Kämpferi.....	hP	2	mix'd	.75 5	The beautiful Japanese Iris.
Jacob's Ladder , see Polemonium.					
Job's Tears , see Ornamental Grasses.					
Kaulfussia amelloides, mixed.....	hA	1	mix'd	5	Fine for edging or beds.
Kenilworth Ivy , see Linaria.					
Lagurus , see Ornamental Grasses.					
Lantana , see Seeds for Greenhouse.					
Larkspur , see Delphinium.					
Lathyrus , see Climbers. 100					
Lavendula (Lavender) spica.....	hP	2	blue	.25 5	} Well-known, sweet scented flower of the old gardens.
Lavatera arborea variegata.....	hhP	3	red	.75 5	
alba.....	hA	2	white	.25 5	} Hollyhock-like flowers. L. arborea has beautiful mottled foliage.
trimestris.....	"	3	red	.25 5	
Leptosiphon hybridus.....	"	1	mix'd	.40 5	The colors are blue, white, lilac, purple and orange. Very attractive.
Leptosyne maritima.....	hhA	2	yel.	.50 5	} Large single flowers, useful for cutting.
Stillmani.....	"	"	"	10	
Liatris (Blazing Star) pyenostachia.....	hP	3	pur.	5	} Fine for dry soils. Produces handsome spikes of flowers.
spicata.....	"	1½	rose	5	
Limnanthus Douglasii.....	hA	1	w. & y.	5	} Does well in damp, shady places. Splendid for bees.
mixed.....	"	"	mix'd	5	
Linaria cymbalaria (Kenilworth Ivy).....	hP	tra.	violet	2.00 5	} Snapdragon-shaped flowers desirable for edging and good for rockwork. It is unsurpassed for baskets, vases, etc.
—alba.....	"	"	white	.40 5	
maroccana.....	hA	¾	rose	.40 5	
—hybrids.....	"	"	mix'd	.40 5	
Linum (Flax) flavum (Golden Flax).....	thhP	"	yel.	1.25 5	} Effective and showy plants for beds and borders.
grandiflorum rubrum.....	hhA	"	crim.	.20 5	
luteum.....	hA	"	yel.	.50 5	
Perennial sorts.....	hhP	1	mix'd	.30 5	



GAILLARDIA.



FORGET-ME-NOT.

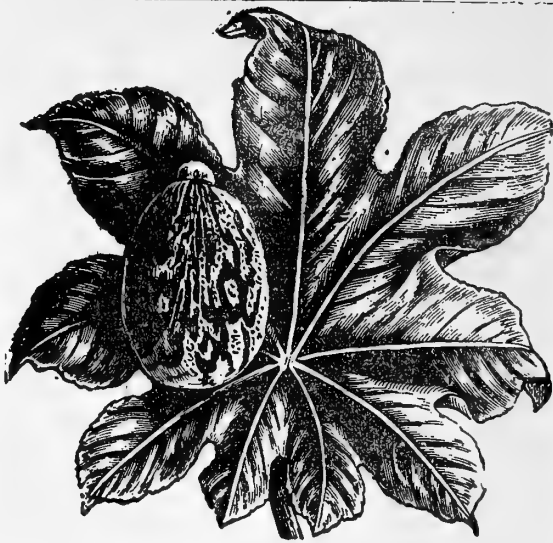
NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Lobelia erinus. Crystal Palace Compacta.	†hhP	½	d. blue	2.00 10	
—compacta oculata.....	"	"	"	1.00 5	Dark blue with white eye.
—delicata.....	"	"	"	1.00 10	Indigo blue with white eye.
—Emperor William.....	"	"	blue	1.00 5	Sky blue.
—erecta.....	"	¾	"	.75 5	Of upright growth.
—formosa.....	"	½	red	5	
—goldelse.....	"	"	blue	5	Yellow foliage.
—gracilis.....	"	trai.	"	1.00 5	Fine for baskets and vases.
—Paxtoniana.....	"	½	b. & w.	.75 5	White with blue belt.
—Prima Donna compacta.....	"	"	d. red	1.00 10	
—pumila magnifica.....	"	⅓	d. blue	2.00 10	} The best for edging and pots.
—White Gem.....	"	"	white	2.00 10	
—Royal Purple.....	"	½	pur.	1.00 5	Purple with white eye.
—speciosa.....	"	trai.	blue	.50 5	Trailing habit.
cardinalis (Cardinal Flower).....	hP	2	scar.	10	} Showy border plants.
syphylica.....	"	"	blue	10	
Lophospermum , see Climbers.					
Lotus Jacobæus.....	hhA	"	br.	.50 5	} Pretty and interesting plants with small pea-shaped flowers.
—luteus.....	"	"	yel.	.75 5	
Love-in-a-Mist , see Nigella.					
Love-Lies-Bleeding , see Amaranthus caudatus.					
Lunaria biennis (Honesty).....	†hB	2	pur.	.30 5	} The seed pods make fine winter bouquets.
Lupinus Cruickshanki.....	hP	3	varied	.20 5	
mutabilis.....	"	"	"	.20 5	} Showy, easily grown plants, with long spikes of bright colored flowers.
Mixed Annual.....	hA	"	mix'd	.25 5	
—Perennial.....	hP	"	"	.25 5	
Lychnis chalcedonica.....	†hP	2	scar.	.50 5	} Bright colored border plants of easy culture.
—alba.....	"	"	white	.50 5	
—mixed.....	"	"	mix'd	.40 5	
fulgens.....	hhP	1	scar.	.75 10	} Magnificent spikes of large rosy-purple flowers.
haageana hybrida.....	hP	"	mix'd	.75 10	
Lythrum roseum superbum.....	†hP	1 ½	rose	.30 5	
Malcomia (Virginia Stock).....	hA	1	mix'd	.30 5	Grand for beds or edging.
Malope grandiflora.....	"	2	"	.30 5	Fine for cutting.
Malva , or Mallow , crispa.....	hP	3	"	.20 5	} Curled Mallow. Ornamental foliage plant.
miniata (Sunset Plant).....	hhP	4	scar.	.30 5	
Martynia fragrans.....	hhA	2	pur.	.30 5	} Stately plants with gloxinia-like flowers that are followed by horn-like fruit.
mixed.....	"	"	mix'd	.30 5	
Marigold , see Tagetes and Calendula.93,97					Seed should be sown in a gentle bot- tom heat.
Marguerite , see Chrysanthemum frutescens.					
Marvel of Peru , see Mirabilis.					} The flowers are closed during the day. Sweet scented at night.
Mathiola bicornis (Evening Scented Stock)	hhA	½	white	.25 5	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Matricaria (Double Feverfew).					
capensis.....	hA	1	white	.40 5	} Continuous bloomers. Fine for bedding or pot culture. Golden Ball is especially fine.
exima (Golden Ball).....	"	1 1/2	yel.	2.00 10	
—snowball.....	"	"	white	.75 5	
—grandiflora.....	"	1	"	.75 5	
Maurandya , see Climbers.					
Mesembryanthemum crystallinum (Ice Plant).....	hhA	trai.	"	5	} Like a warm, sunny situation. They are all effective in beds, rock-work, baskets or vases. M. crystallinum has peculiar glistening foliage.
tricolor (Dew Plant).....	"	1/4	rose	5	
—alba.....	"	"	white	5	
mixed.....	"	var.	mix'd	5	
Mignonette (Reseda odorata) (See p. 97.)					
Mimosa pudica (Sensitive Plant).....	hhA	1/2	pink	.50 5	} The leaves of this plant close up if touched or shaken.
Mimulus (Monkey Flower)					
cardinalis.....	thP	1 1/2	mix'd	2.00 5	} A genus of extremely handsome, profuse flowering plants, with singularly shaped and brilliant colored flowers. The seed should be sown early indoors.
cupreus duplex (Hose in Hose).....	"	"	spot.	2.50 10	
—hybridus.....	"	"	mix'd	10	
moschatus compacta (Musk).....	"	1/2	yel.	3.00 10	
Rœzlii.....	thhP	1	yel.	3.00 15	
tigrinus grandiflora.....	"	"	spot.	3.00 10	
Mirabilis (Marvel of Peru or Four o'clock)					} Seed should be sown early indoors, and the plants set out when the weather is settled. If desired the roots may be kept over winter in the same way as dahlias. Few plants combine so much beauty of flower and foliage as this genus.
hybrid.....	"	2	mix'd	.15 5	
longiflora alba.....	"	"	white	.15 5	
variegated leaved.....	"	"	mix'd	.15 5	
collection 8 varieties..... 30 c.	"	"	"	"	
Molucella lævis (Shell Flower).....	hA	1	w & p	.75 5	} Of very curious form, easily grown and worthy of attention.
Momordica , see Climbers					
Monkshood , see Aconitum					
Morning Glory , see Climbers					
Morning Glory , dwarf, see Convolvulus					
Mourning Bride , see Scabiosa					
Musk , see Mimulus Moschatus					
Myosotis (Forget-Me-Not)					
alpestris mixed.....	thP	1	mix'd	.75 5	} Charming little plants, very popular, producing their beautiful star-like flowers in great profusion; invaluable for spring garden decoration. The <i>Stricta</i> is an entirely new class of pillar-like form and very attractive. They with the <i>Victoria</i> are the best sorts for pot culture. <i>M. Palustris</i> <i>Tom Thumb</i> is a miniature marsh Forget-me-not that flowers from May until frost.
—alba.....	"	"	white	1.00 10	
—cœrulea.....	"	1/2	blue	1.00 10	
—rosea.....	"	"	rose	.75 5	
—stricta alba.....	"	"	white	10	
—stricta rosea.....	"	1	rose	10	
—cœlestina.....	"	"	blue	10	
—victoria.....	"	"	"	1.00 10	
Azorica.....	"	"	d. blue	3.00 10	
—alba.....	"	"	white	5.00 10	
palustris.....	"	1/2	b. & w.	2.50 10	
—semperflorens alba.....	"	"	white	2.50 10	
—Tom Thumb.....	"	1/4	blue	10	
Myrsiphyllum , see Seeds for Greenhouse					
Nasturtium see Tropæolum nanum, p. 98					
Nasturtium , tall, see Climbers, page 98....					
Nelumbium luteum (American Lotus)	hP		yel.	20	} See Nymphæa for cultural directions.
speciosum (Egyptian Lotus).....	"		pink	20	
Nemesia strumosa Suttoni.....	hA	1 1/2	var.	10	} Sow the seed in light soil in March or April; requires gentle bottom heat. Beautiful and of easy culture.
Nemophila mixed.....	"	var.	mix'd	.20 5	
Nicotiana affinis.....	hhA	3	white	.40 5	} Species of Tobacco. The three sorts first named have deliciously fragrant flowers. <i>Colossea</i> is a handsome ornamental green foliage plant. <i>Colossea flavovivens</i> has yellowish foliage and contrasts well with the <i>colossea</i> . Seed should be started indoors.
alata.....	"	"	pink	5	
atropurpurea grandiflora.....	"	4	crim.	.40 5	
colossea.....	"	6	"	10	
—flavovivens.....	"	"	"	10	
—variegata.....	"	"	"	10	
Nierembergia frutescens.....	"	1	lilac	.50 5	} Generally has a white margin. Fine for edging or hanging baskets.
gracilis.....	"	"	blue	.50 5	
Nigella (Love-in-a-Mist).....	"	3/4	mix'd	.30 5	} Larkspur-like flowers. A fine trailer for rockeries.
Nolana mixed.....	"	1/2	"	.20 5	
Nycternia capensis.....	"	2 1/2	w. & y.	.50 5	} Seed should be sown indoors or in a hotbed in March.
selaginoides.....	"	"	y. & w.	.75 5	



PETUNIA.



RICINUS.—Leaf and Seed.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Nymphæa</i> cœrulea	hhP		blue	15	Seed should be planted during March or April in a tea cup containing two or three inches of soil, and filled up with water. After planting, the cup should be placed in a temperature of from 70 to 80 degrees during germination, which ordinarily takes ten days. When large enough to transplant prick into small pots and place them in a pan of water deep enough to cover the pots about one inch. In June move to tubs or pools of water outdoors.
dentata (night blooming)	"		white	15	
gracilis	"		"	15	
odorata alba (white Pond Lily)	hP		"	10	
—rosea (Cape Cod Pink).....	"		pink	15	
O'Marana	hhP		red	15	
Zanzibariensis aurea.....	"		blue	15	Fine free flowering plants, suitable for backgrounds, shrubberies, etc.
—rosea	"		rose	15	
<i>Oenothera</i> (Evening Primrose) acaulis.....	hP	¾	white	.50 5	
biennis	"	2	yel.	.75 5	
rosea Mexicana	hhA	¾	rose	.75 5	
annual varieties, mixed	var.		mix'd	.40 5	
perennial varieties, mixed	hP	"	"	.50 5	Showy plants, pea-shaped flowers. Sow seed in pots, transplant without disturbing roots.
<i>Orobis</i> , mixed	"	"	"	5	
<i>Onopordon</i> acanthium (Thistle).....	hB	6	white	15	
<i>Oxalis</i> alba	thhP	½	white	5	
rosea	"	"	rose	5	
tropæoloides.....	"	"	yel.	10	
valdiviana	"	"	yel.	10	Splendid class of plants with brilliant colored flowers and dark foliage, suitable for rockwork, hanging baskets, vases, etc.
mixed.....	"	"	mix'd	2.00 5	
<i>Pæony</i> , double, mixed	hP	2	mix'd	1.00 10	
single, mixed.....	"	"	"	.50 10	
<i>Pampas Grass</i> , see Ornamental Grasses					
<i>Pansy</i> , see <i>Viola tricolor</i> 98					
<i>Papaver</i> (Poppy). (See page 99.)					Bell-shaped flowers borne on long spikes. Splendid bedding plant; blooms the first season from early sown seed.
<i>Paris Daisy</i> , see <i>Chry. frutescens</i>					
<i>Passiflora</i> , see Climbers					
<i>Paspalum</i> , see Ornamental Grasses					
<i>Pelargonium</i> , see Seeds for Greenhouse					
<i>Pennisetum</i> , see Ornamental Grasses					
<i>Pentstemon</i> hybridus atropurpureus.....	thP	2	r. & w.	1.50 10	Ornamental foliage plants for ribbons and beds.
—grandiflorus	"	"	mix'd	.50 10	
<i>Perilla</i> Nankinensis	hhA	1½	white	.25 5	
macrophylla compacta	"	I		.25 5	
<i>Periwinkle</i> , see Seeds for Greenhouse....					
<i>Petunia</i> hybrida, large flowered —					
—alba	hA	1½	white	.75 10	
—blotched and striped.....	"	"	stri.	1.50 15	
—intus aurea	"	"	yel.	15	
—kermesina	"	"	crim.	.75 10	
—Purple King.....	"	"	pur.	.75 10	
—superbissima.....	"	"	spot.	20	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Petunias. — <i>Continued.</i>					
—fimbriata, or fringed.....	hA	1 1/2	mix'd	25	Free flowering, sweet scented and easily cultivated, well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. Breck's Prize is an exceedingly fine strain of large fringed flowers that produces a large percentage of doubles. We call special attention to the collections offered. The seed is all saved from selected pot-grown plants, and we believe will prove perfectly satisfactory.
—California Giant.....	"	"	"	20	
—double.....	"	"	"	50	
—Breck's Prize, double.....	"	"	"	50	
—Inimitable, double.....	"	"	"	50	
—nana compacta, brilliant rose.....	"	1	rose	25	
—striped and blotched, double.....	"	1 1/2	mix'd	50	
—double, mixed.....	"	"	"	25	
nana compacta multiflora.....	"	1	stri.	3.00 10	
nyctaginiflora.....	"	1 1/2	white	.50 5	
striped and blotched.....	"	"	stri.	1.50 10	
choice mixed.....	"	"	mix'd	1.00 10	
mixed.....	"	"	"	.75 5	
collection, 12 varieties, large-flowered					
" 6 " " \$1.00					
" 12 " double fringed .50					
" 6 " " 1.50					
" 12 " double large .75					
" 6 " flowered 1.50					
" 6 " " .75					
Phacelia campanularia.....	"	1	blue	.50 5	Whitlavia-like flowers; showy.
Phaseolus (Flowering Bean), see Climbers					
Phlox Drummondii grandiflora alba.....	"	"	white	1.25 5	These flowers are of extreme beauty and are greatly admired. Their long duration of bloom, combined with their unequalled richness of color, render them of invaluable service in the flower garden. By making a second sowing they may be had in bloom until frost. They prefer a rich soil and plenty of water.
—atropurpurea.....	"	"	pur.	1.00 5	
—striata.....	"	"	stri.	1.00 5	
—coccinea.....	"	"	scar.	1.25 5	
—Isabellina.....	"	"	yel.	1.00 5	
—oculata alba.....	"	"	w. & pu	1.00 5	
—rosea.....	"	"	rose	1.00 5	
—stellata splendens.....	"	"	cr. & w.	1.50 5	
—mixed.....	"	"	mix'd	.50 5	
cuspidata.....	"	"	"	.75 5	
fimbriata.....	"	"	"	1.00 5	
nana compacta, Snowball.....	"	1/2	white	2.00 10	
—Fireball.....	"	"	scar.	1.50 10	
double red.....	"	1	red	1.25 10	
—white.....	"	"	white	1.50 10	
—yellow.....	"	"	yel.	1.50 10	
—mixed.....	"	"	mix'd	1.50 10	
collection, 12 colors.....70					
decussata (Perennial Phlox).....	hP	2	"	1.50 10	Fine foliage which is in grand contrast to the balloon-like seed pods of bright orange red color. The fruit makes excellent preserves.
—nana.....	"	1	"	1.50 10	
Physalis Francheti (Chinese Lantern).....	hhP	2	"	.75 5	(Greek Valerian.) Showy, old favorites.
Pink , see Dianthus					
Poa , see Ornamental Grasses					These beautiful little favorites grow best in a light, dry soil. The seed should not be sown until the weather is warm. They are very suitable for edgings, rockwork, beds, etc. A percentage of the seed sold as double produce single flowers; as these bloom earlier they may be recognized and pulled out.
Polemonium (Jacob's Ladder) cœruleum..	hP	1 1/2	blue	.20 5	
flavum.....	"	"	yel.	5	Very useful for mixed borders. They last a long time in bloom.
Poppy , see Papaver					
Portulaca grandiflora, single scarlet.....	hA	1/2	scar.	.50 5	These so-called hardy sorts require a cold frame or other protection during winter. They do best in a northern aspect. They are all very beautiful and useful both for garden and pot culture.
—white.....	"	"	white	.50 5	
—yellow.....	"	"	yel.	.50 5	
—mixed.....	"	"	mix'd	.30 5	
—collection, 6 colors.....25	"	"	"	2.50 10	
—double mixed.....	"	"	"	2.50 10	
—collection, 6 colors.....40	"	"	"		
Potentilla , Double.....	hP	1	mix'd	4.50 10	
Single.....	"	1 1/2	"	.75 5	
Primula , (Primrose) auricula alpina.....	hhP	1/2	mix'd	3.00 10	
Japonica.....	†hhP	2	"	1.00 10	
vulgaris (English Primrose).....	"	1	yel.	2.00 10	
mixed hardy sorts..... 1/4 oz., 3.00	"	var.	mix'd	10	
veris (Polyanthus), Giant Fancy.....	"	1	"	5.00 10	
—Duplex (Hose in Hose).....	"	"	"	10	
—Gold Laced.....	"	"	yel.	10	
—elator (Cowslip).....	"	"	mix'd	1.25 10	
See also Seeds for Greenhouse					



SALPIGLOSSIS.



TEN-WEEK STOCKS.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Prince's Feather</i> , see <i>Amaranthus cruentus</i>					
<i>Prickly Poppy</i> , see <i>Argemone</i>					
<i>Pyrethrum</i> (Feverfew).....					} Golden foliage sorts, used for edging, ribbons, etc.
aureum (Golden Feather).....	hhP	1	yel.	.60 5	
—Golden Gem.....	"	1/2	white	.60 5	
—selaginoides.....	"	"	yel.	1.00 10	
—discoideum.....	"	1	"	.50 5	
atrosanguineum.....	hP	2	red	1.00 10	} Showy, aster-like flowers, of long duration; fine for bouquets.
hybrids, single.....	"	"	mix'd	.75 10	
—double.....	"	"	"	10	
<i>Quaking Grass</i> , see Ornamental Grasses					
<i>Ragged Robin</i> , see <i>Lychnis</i>					
<i>Ranunculus</i> , asiaticus superbissimus.....	†hhP	1	mix'd	.75 10	Very showy, double flowers.
<i>Rhodanthe</i> , see Everlastings					
<i>Ricinus</i> (Castor Oil Plant)					} Stately, ornamental foliage plants; start seeds indoors. Large, dark green foliage. Foliage nearly black. Bluish-green foliage. Dark stems and foliage. Purple foliage. Red foliage. Bronze, changing to dark green; red ribs. Foliage light green to purple.
Borboniensis.....	hhA	15		.15 5	
Cambogensis.....	"	6		.20 5	
cœrulescens.....	"	10		.15 5	
Gibsoni (Duchess of Edinboro).....	"	"		.15 5	
Philippinensis.....	"	"		.15 5	
sanguineus (Obermanii).....	"	7		.15 5	
Zanzibariensis maculatus.....	"	10		.15 10	
—mixed.....	"	var.		.15 10	
mixed sorts.....	"	"		.15 5	
<i>Rose of Heaven</i> , see <i>Agrostemma, cœli rosea</i>					
<i>Rose Campion</i> , see <i>Agrostemma, coronaria</i>					
<i>Rudbeckia</i> (Cone Flower) bicolor superba.....	hA	2	y. & p.	5	} Easily grown, showy, free flowering, grand for borders, and unsurpassed for cutting.
amplexicaulis.....	"	3	yel.	.25 5	
Newmanni.....	hP	"	y. & p.	5	
<i>Saintpaulia ionantha</i> , see Seeds for Greenhouse					
<i>Salpiglossis grandiflora</i> , tall mixed.....	hhA	2	mix'd	.75 5	} These beautiful annuals have curiously penciled and marbled, funnel-shaped flowers. Emperor is a new type, producing a great number of very large flowers veined with gold, on a single stem.
—dwarf mixed.....	"	1	"	.50 5	
—Emperor.....	"	2	var.	2.00 10	
collection 6 varieties, tall.....	30				
collection 6 varieties, dwarf.....	30				
<i>Salvia</i> (Flowering Sage) argentea.....	†hP	3	white	5	} Well-known, late summer, brilliant flower favorites. There is nothing showier than a bed of splendens. The golden foliage variety contrasts splendidly with the scarlet flowers. The deep blue color of patens is also
farinaca.....	hA	"	blue	1.00 5	
patens.....	†hhP	2	"	5.00 15	
prunelloides purpurea.....	hA	"	pur.	2.00 10	
splendens.....	†hhP	"	scar.	2.00 10	

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Salvia. — <i>Continued.</i>					
—compacta erecta.....	†hhP	1½	d. scar.	10	desirable, and this variety should be grown more largely. <i>Golden Foliage</i> and <i>Silver Spot</i> in addition to their good flowering qualities have very ornamental foliage.
—Golden Foliage.....	"	1	scar.	10	
—Silver Spot.....	"	"	"	10	
Sanvitalia procumbens fl. pl.....	hA	½	yel.	.50 5	Suitable for beds or rockwork, bloom all summer.
Saponaria calabrica.....	"	1	pink	.30 5	
—alba.....	"	"	white	.30 5	Charming little plants flowering all the season, splendid for beds or ribbon borders.
—mixed.....	"	"	mix'd	.30 5	
Scabiosa (Mourning Bride) atropurpurea...	"	2	pur.	.30 5	Handsome plants for mixed borders, flowers beautifully variegated, useful for bouquets. They should be more generally grown.
candidissima fl. pl.....	"	1	white	.30 5	
Cherry Red.....	"	2	red	.30 5	
King of Blacks.....	"	"	black	.30 5	
Pompadour.....	"	3	pu.&w.	.75 10	
Tall Mixed.....	"	varied	mix'd	.30 5	
Dwarf Yellow.....	"	1	yel.	.30 5	
Dwarf Victoria.....	"	"	white	.30 5	
Dwarf mixed.....	"	"	mix'd	.30 5	
collection 6 colors.....	30				
Schizanthus mixed.....	"	1½	mix'd	.30 5	Large flowers, blotched purple and spotted with orange; fine for bedding.
Schizopetalon Walkeri.....	"	¾	white	.50 5	
Sedum (Stonecrop) cœruleum ¼ oz.....	hP	¼	blue	10	Showy little plants for carpet beds or rockwork, they flower profusely. Plant in sandy soil.
sempervirens.....	"	½	d. red	10	
mixed.....	"	varied	mix'd	.75 5	
Senecio (Jacobaea) elegans fl. pl.....	hA	1	mix'd	.75 5	A useful and showy class of gay colored, profuse blooming plants, splendid for beds or pot culture.
—nana fl. pl.....	"	½	"	1.00 5	
—pomponicus purpurea.....	"	1	pur.	1.50 5	
—ruber.....	"	"	red	1.50 5	
—tall mixed.....	"	"	mix'd	1.25 5	
Sensitive Plant , see Mimosa					
Shell Flower , see Molucella					
Silene (Catchfly) Armeria.....	"	"	mix'd	.25 5	Ornamental free flowering plants with bright colored flowers, suitable for beds, borders, or ribbon gardening.
pendula rose.....	"	"	rose	.25 5	
—double rose.....	"	½	"	.30 5	
—white.....	"	"	white	.30 5	
—mixed.....	"	"	mix'd	.25 5	
virginica.....	hP	1½	pur.	10	
Smilax (Myrsiphyllum) see Seeds for Greenhouse					
Snapdragon , see Antirrhinum					
Solanum capsicastrum.....	tP	2	or'ge	.30 5	Ornamental fruit bearing plants for the greenhouse and summer garden, suitable for ribbon borders or rockwork.
Wetherell's hybrids.....	"	"	"	.30 5	
Sphenogyne speciosa.....	hA	1	yel.	.30 5	Amaranthus-like flowers for edging or rockwork.
Spraguea umbellata.....	hhA	½	rose	10	
Squirrel Tail Grass , see Ornamental Grasses					
Stachys lanata.....	hP	2	stri.	.25 5	Silver leaved, fine for borders.
Statice (Sea Lavender) annual varieties...	hA	varied	mix'd	.30 5	Pretty little flowers, fine for winter bouquets.
Perennial varieties.....	hP	"	"	.30 5	
Stevia , see Seeds for Greenhouse					
Stipa , see Ornamental Grasses					
Stocks (Gilliflower)					
large flowering ten week bright crimson...	hhA	1¼	crim.	3.00 10	The seed we offer is all pot grown especially for us in Germany, by the foremost cultivator of this fragrant favorite. It will produce a very large percentage of flowers that are unsurpassed for doubleness, form, size and color. Our Boston Florists' strain is now also raised in Germany. It produces a fine long spike, very double globular flower of the purest white. For a succession of flowers seed
—brilliant rose.....	"	"	rose	3.00 10	
—canary yellow.....	"	"	yel.	3.00 10	
—deep red.....	"	"	d. red	3.00 10	
—dark blue.....	"	"	d. blue	3.00 10	
—dark purple.....	"	"	d. pur.	3.00 10	
—light blue.....	"	"	l. blue	3.00 10	
—light rose.....	"	"	l. rose	3.00 10	
—scarlet.....	"	"	scar.	3.00 10	
—snow white.....	"	"	white	3.00 10	
—mixed.....	"	"	mix'd	2.00 10	
—collection 12 distinct colors.....	65				
—" 6 " ".....	35				
Breck's Boston Florist White.....	"	"	white	4.00 10	
Cut-and-Come-Again.....	"	"	"	2.00 10	



PHLOX.



SAINT PAULIANA

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Stocks.—Continued.					
Dresden perpetual.....	hhA	I	white	3.00 10	} should be sown in March or April, in heat, and outdoors in May and June. A light soil and high cultivation are desirable.
—mixed.....	"	"	mix'd	2.50 10	
pyramidal large flowering.....	"	I ½	"	3.00 10	
Victoria.....	"	I	white	3.00 10	
—mixed.....	"	"	mix'd	3.00 10	
Early Autumnal.....	hhB	I ½	"	4.00 10	
Brompton or Winter.....	"	"	"	4.00 10	}
East Lothian.....	"	"	"	5.00 10	
Stonecrop , see Sedum					
Streptocarpus , see Seeds for Greenhouse					
Sunflower , see Helianthus 101					
Sweet Alyssum , see Alyssum maritimum					
Sweet Pea (Lathyrus). (See page 100.)					
Sweet William , see Dianthus barbatus					
Sweet Rocket , see Hesperis					
Swainsonia alba grandiflora.....	hhP	I ½	white	I 5	} Sweet Pea-like flowers suitable for pot culture or bedding.
Sweet Clover (Melilotus) alba.....	hP	2 ½	"	5	
—cœrulea.....	"	I ½	blue	5	} Sweetly fragrant plants, fine for borders.
trifolium suaveolens.....	hA	"	crim.	.30 5	
Tagetes (Marigold), (See page 97.)					
Tassel Flower , see Cakalia					
Thunbergia , see Climbers					
Thistle , see Onopordon					
Thrift , see Armeria					
Torenia Fournieri.....	tA	I	mix'd	10	} Valuable for vases, hanging baskets or pot culture.
Tricholæna , see Ornamental Grasses					
Tritoma (Red Hot Poker Plant)—					
uvaria grandiflora.....	hhP	3	scar.	.75 10	} The flowers are produced in large spikes of orange tinted flower tubes.
Tritonia aurea.....	"	½	or'ge	2.50 10	
Trollius , mixed.....	hP	I	mix'd	4.00 15	} Dwarf growing bulbous plants, tubular shaped flowers. Beautiful Ranunculus-like flowers.
Tropæolum nanum (Nasturtium Dwarf) (See page 98.)					
Trumpet Vine , see Climbers					
Valeriana	"	2	"	.30 5	} Large bright flowers for mixed borders or shrubberies.
Venidium calendulaceum.....	hhA	I	yel.	.40 5	
Venus-Looking-Glass , see Campanula speculum					
Verbena hybrida, Auricula-flowered.....	†hhP	"	mix'd	1.00 10	} One of the best bedding plants in cultivation. Unrivalled as a constant
—candidissima compacta.....	"	¾	white	1.00 10	
—coccinea compacta.....	"	"	scar.	1.00 10	
—pink.....	"	"	pink	1.00 10	

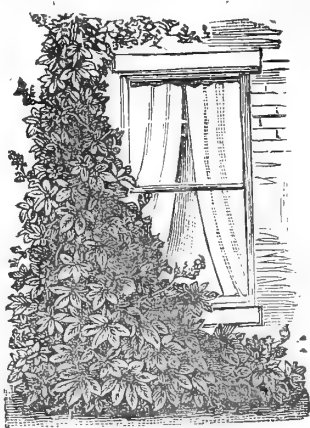
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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Verbenas.—Continued.					
—Defiance.....	†hhP	1	scar.	1.50 10	bloomer, brilliancy of flower and sweet fragrance. Montana is a perfect gem. The plant literally covers itself during the summer with bright rose colored flowers.
—Golden Leaved.....	"	"	mix'd	1.50 10	
—Italica striata.....	"	"	stri.	1.00 10	
—Mammoth.....	"	1 ½	mix'd	1.50 10	
—mixed, choice.....	"	1	"	1.00 10	
—good.....	"	"	"	.75 5	
Montana.....	hP	"	rose	.50 5	
Lemon-scented (Aloysia) see Seeds for Greenhouse					
Veronica	"	2	mix'd	.30 10	
Vinca , see Seeds for Greenhouse					
Viola (Violet) cornuta, Admiration.....	hhP	½	d. blue	1.50 10	Well-known favorites that are much in demand on account of their fragrance and profusion of bloom. They are very easily grown from seed, although they frequently take a long time to germinate.
—Mauve Queen.....	"	"	pur.	1.00 10	
—Magnificent.....	"	"	l. blue	1.00 10	
—White Perfection.....	"	"	white	1.00 10	
odorata semperflorens.....	"	"	blue	.75 10	
—alba.....	"	"	white	.75 10	
—The Czar.....	"	"	violet	1.00 10	
—The White Czar.....	"	"	white	1.00 10	
mixed.....	"	"	mix'd	1.00 10	
Viola Tricolor (Pansy) (See page 98.)					
Virginia Creeper , see Climbers					
Virgin's Bower , see Climbers					
Viscaria cardinalis.....	hA	1	scar.	.25 5	Showy flowers produced throughout the season; fine for beds.
oculata cœrulea.....	"	"	blue	.25 5	
Wahlenbergia (Bell Flower) grandiflora...	hP	2	"	.75 5	Large and showy border plants with bell-shaped flowers. Allied to the Campanula.
—alba.....	"	"	white	.75 5	
Waitzia , see Everlastings					
Wallflower (Cheranthus)					
double German.....	hhP	1	mix'd	2.50 10	Beautiful border plants with fragrant flowers ranging in velvety shades of brown and yellow. The annual sort is a decided acquisition.
single German.....	"	"	"	.30 5	
single annual.....	hA	"	"	1.00 10	
Whitlavia grandiflora.....	"	"	blue	.25 5	Flowers are bell shaped and produced throughout the entire season.
—alba.....	"	"	white	.25 5	
Wigandia caracasana.....	hhP	6	lilac	.75 5	Beautiful decorative plants, richly veined foliage and bright colored stalks.
imperialis.....	"	"	"	5	
Xeranthemum , see Everlastings					
Yarrow , see Achillea					
Zea , see Ornamental Grasses					
Zinnia (See page 101.)					
CLIMBERS.					
Abobra viridiflora.....	hhP	10	scar.	.75 5	Dark green foliage, scarlet fruit. Foliage resembles Maiden Hair Fern. Sow in a shady place in spring and transplant carefully in September.
Adlumia (Mountain Fringe or Allegheny Vine) cirrhosa.....	hB	15	flesh	.75 5	
—purpurea.....	"	"	pur.	1.00 5	
Ampelopsis quinquefolia (Virginia Creeper)	hP	30		.25 5	Nothing better for veranda, foliage beautiful in autumn.
Veitchii (Boston or Japanese Ivy).....	"	50		.25 10	
Aristolochia (Dutchman's Pipe) elegans...	hhP	25	br. & yl.	2.00 10	The well-known and decorative Boston Ivy.
sipho.....	hP	"	"	10	
Balloon Vine , see Cardiospermum					Very large, showy foliage.
Beans , running, see Phaseolus					
Bignonia radicans (Trumpet Vine).....	"	"	scar.	1.00 10	Fine foliage and brilliant flowers. The green fruit changes to scarlet and white. (Ornamental Gourd.)
Byronopsis erythrocarpa.....	hhA	10	red	.40 5	
Calampelis scabra.....	†hP	6	or'ge	10	
Cardiospermum (Balloon Vine) halicacabum.....	"	8	white	.25 5	Pea-shaped flower of many pleasing colors. These are general favorites. The large flowered Hybrids and Paniculata will please and surprise all.
Centrosema grandiflora (Butterfly Pea)...	hP	6	varied	10	
Virginica.....	"	"	"	10	
Clematis (Virgin's Bower) flammula.....	"	15	white	.50 5	Start the seeds in heat, setting them on edge, and cover half an inch. They flower most profusely when planted in sandy or light soil.
Large Flowering Hybrids.....	"	var.	mix'd	2.50 10	
paniculata.....	"	15	white	5	
Cobæa macrostemma.....	hhP	20	gr. & yl.	1.50 10	White flowers, scarlet fruit. Convolvulus Major is the old favorite. The other two sorts are new and fine.
scandens.....	"	"	pur.	.75 5	
—alba.....	"	"	white	.75 5	
Coccinea indica.....	hhA	10	"	.60 5	
Convolvulus major (Morning Glory).....	hA	"	mix'd	.10 5	

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DOLICHOS.



HUMULUS—Japonica.



LOPHOSPERMUM.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per		DESCRIPTION.
				Oz.	Pkt.	
Convolvulus. — <i>Continued.</i>						
—Imperial Japanese.....	hA	20	Mix'd	.30	10	} especially the Japanese Morning Glory. They bear large and wonderfully colored flowers.
—purpurea fl. pl. (Double Morning Glory)	"	15	w. & r.	.50	10	
Cucumis erinaceous (Hedge Hog Gourd) ..	hhA	8	yel.		5	} These are all of rapid growth, ornamental foliage, and produce very curious fruit.
acatangulus (Rag or Dish Cloth Gourd) ..	"	"	"	.15	5	
flexuosus (Snake Cucumber).....	"	10	"	.30	5	} The inside of the Dish Cloth Gourd is useful for bathing, etc.
perennis.....	tP	15	"	.75	5	
Cucurbita , see Gourds						
Cyclanthera pedata.....	hhA	10			5	Beautiful oval-shaped fruit.
Cypress Vine , see Ipomœa quamoclit						
Dolichos lablab (Hya-sinth Bean).....	hA	"	pur.	.20	5	} Beautiful, sweet-scented flowers, followed by ornamental pods.
—alba.....	"	"	white	.20	5	
—mixed.....	"	"	mix'd	.15	5	
Dutchman's Pipe , see Aristolochia						
Echinocystis lobata (Wild Cucumber)	hhA	12	green	.30	5	Soak the seed 8 hours, plant eye down.
Gourds , angora.....	"	8			5	White spotted fruit.
Apple-shaped.....	"	10			5	Small striped fruit.
Bottle-shaped.....	"	"			5	Ornamental and curious.
Dipper-shaped.....	"	15			5	Useful.
Egg-shaped.....	"	10			5	White Nest Egg. Useful.
Gooseberry-shaped.....	"	6			5	Small and very odd.
Hercules' Club.....	"	15			5	Very long.
Lemon-shaped.....	"	6			5	Very beautiful.
Orange-shaped.....	"	"			5	" "
Pear-shaped.....	"	10			5	" "
Sugar-Trough.....	"	15			5	Used as water holders.
Mixed.....	"	var.		.25	5	All ornamental.
Collection, 12 varieties.....						
Humulus (Hop) Japonica.....	hA	12		.50	5	} Quick growers, form a fine screen. The H. J. Variegated has beautiful green and white leaves.
—Variegated.....	"	15		.50	10	
lupulus (Common Hop).....	hhP	20			5	
Ipomœa bona nox (Evening Glory).....	hhA	15	white	.25	5	}
coccinea (Star Ipomœa).....	hA	10	scar.	.20	5	
Heavenly Blue.....	hhA	"	blue	1.00	5	} Fine, fast growing, free blooming plants of the <i>Morning Glory</i> family. The varied and many hues of its many species and varieties are exceedingly beautiful. They are all useful for covering-trellis work, verandas, etc.
hederacea superba (Ivy-leaved).....	"	"	"	.50	5	
Leari.....	tP	15	"		10	}
limbata elegantissima.....	hhA	10	b. & w.	.30	5	
Mexicana grandiflora alba.....	"	15	white	.75	10	}
noctiflora (Moon Flower).....	"	"	"	.25	10	
setosa (Brazilian Morning Glory).....	hhP	10	red		5	}
quamoclit (Cypress Vine).....	hhA	"	scar.	.30	5	
—white.....	"	"	white	.30	5	}
—mixed.....	"	"	mix'd	.25	5	
Lathyrus latifolius albus (Perennial Pea) ..	hP	"	white	.50	10	} A beautiful perennial climber, also useful for borders; excellent for cutting.
—Pink Beauty.....	"	"	pink	.75	10	
—mixed.....	"	"	mix'd	.50	10	}
Lophospermum scandens.....	tP	"	pur.		5	
Maurandya Barclayana.....	†tP	"	"		10	} A graceful climber with flowers somewhat resembling <i>Digitalis</i> .
Emeryana rosea.....	"	"	rose		10	
mixed.....	"	"	mix'd	1.50	10	}
Mina lobata.....	tA	15	w. & r.		10	

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Momordica</i> balsaminia (Balsam Apple)....	tA	10		.30 5	} Golden yellow fruit, warted, when ripe opens disclosing its brilliant colored interior.
—charantia (Balsam Pear).....	"	"		.30 5	
<i>Nasturtium</i> , see <i>Tropæolum</i>					
<i>Passiflora</i> (Passion Flower) cœrulea.....	tP	30	blue	10	} Interesting and beautiful. The seed should be started in heat.
coccinea.....	"	20	scar.	10	
incarnata.....	"	"	rose	10	
<i>Phaseolus</i> multiflorus (Climbing Bean)					
Scarlet Runner.....	hhA	10	scar.	5	} Well known and useful, ornamental climbers.
White Runner.....	"	"	white	5	
<i>Sweet Peas</i> (<i>Lathyrus odoratus</i>). (See p100)					
<i>Thunbergia</i> alata.....	"	5	o. & b.	.75 5	} Rapid growing, slender climber; extremely pretty flowers, freely produced.
—alba.....	"	"	white	.75 5	
mixed.....	"	"	mix'd	.75 5	
<i>Tropæolum</i> majus (Climbing Nasturtium). (See page 98.)					
<i>Tropæolum</i> Lobbianum, see page					
SEEDS FOR GREENHOUSE.					
<i>Abutilon</i> (Chinese Bell Flower)					
choice hybrids 1/8 oz. 1.00	tP	4	mix'd	15	} <i>Tennysonian</i> is a new Californian strain of the greatest excellence. It embraces all desirable colors.
'Tennysonian " 1.00	"	"	"	10	
<i>Acacia</i> albicans.....	"	"	yel.	5	} Of very graceful form. They bear a wealth of fragrant golden yellow flowers.
dealbata.....	"	6	"	5	
mixed.....	"	varied	"	.30 5	
<i>Achimenes</i>	"	1	mix'd	20	} Fine summer blooming greenhouse plants.
<i>Aloysia</i> citriodora (<i>Lemon Scented Verbena</i>)	"	"		1.25 15	
<i>Asparagus</i> plumosa nana.....	"	6		20	} Beautiful fern-like plants, that withstand the atmosphere of the living rooms better than ferns.
Sprengeri.....	"	2		10	
<i>Begonias</i> , tuberous rooted—					
—Breck's International Prize, single	"	"	"	25	} With a little care, there is no difficulty in raising these from seed. They are very free flowering, and are adapted both for greenhouse cultivation and summer bedding. Our seed is from the finest collection in England.
—double.....	"	"	"	50	
—erecta cristata grandiflora.....	"	"	"	50	
—collection, 12 distinct colors..... 1.00	"	"	"		
— " 6 " "50					
Rex, Ornamental Leaved.....	"	1		25	} These well-known and favorite plants are especially suitable for growing in the living rooms; they withstand any amount of abuse and are always beautiful; in addition to their fine flowers and sweet perfume, they have lovely foliage. The <i>Semperflorens</i> type are excellent for summer bedding.
<i>Semperflorens</i>	"	1 1/2	rose	20	
—alba.....	"	"	white	20	
—rosea.....	"	"	rose	20	
—Vernon.....	"	"	carm.	20	
—compacta.....	"	1/2	"	20	
—yellow-leaved.....	"	"	scar.	20	
—Bedders.....	"	"	mix'd	20	
—Zulu King.....	"	"	red	20	
—Hybrids, double.....	"	"	mix'd	20	
Baumannii.....	"	"	rose	20	
Credneri.....	"	"	white	20	
Hybrida Hero.....	"	"	rose	20	
Pioneer odorata.....	"	"	"	20	
<i>Calceolaria</i> , Breck's Scotch Prize.....	tP	2	mix'd	50	} The strains of this universal favorite offered by us are saved from the best collections, and are PRIZE WINNERS wherever exhibited. Splendid greenhouse plants with beautifully striped, blotched and variegated flowers. Sow in pans or shallow boxes filled with light sandy soil that has been sifted. Sow moderately thick in rows on the surface and cover very lightly with Sphagnum moss, water very carefully with an atomizer, when large enough to handle transplant singly into 2-inch pots.
Dalkeith Park.....	"	"	"	25	
James' Giant.....	"	"	"	50	
William's Prize.....	"	"	"	50	
Large Flowered Selfs.....	"	"	"	25	
—spotted.....	"	"	"	25	
Dwarf Large Flowered.....	"	1	"	50	
rugosa (Shrubby), for bedding.....	"	1 1/2	"	25	
<i>Chrysanthemum</i> , Chinese.....	hhP	3	"	10	} The "Queen of Autumn." The seed we offer is saved from the best sorts only and includes everything desirable.
—pompon.....	"	1 1/2	"	10	
Japanese.....	"	3	"	10	
—pompon.....	"	1 1/2	"	10	
mixed.....	"	var.	"	10	
<i>Cineraria</i> grandiflora—					
—Breck's Columbia.....	tP	1 1/2	mix'd	50	} BRECK'S COLUMBIA is an American strain. Those who have grown it

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CALCEOLARIA.



CINERARIA.



PRIMULA.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Cineraria.—Continued.					
—Covent Garden	tP	1 1/2	mix'd	50	claim it to be superior in habit of plant, size, form and color of flowers to any of the European selections. We especially recommend it. Florists and private gardeners throughout the United States endorse its superiority. The stellata has cactus-like flowers.
—James' Prize	"	"	"	50	
—nana	"	1	"	50	
—plenissima, double	"	1 1/2	"	50	
—Tom Thumb	"	1	blue	50	
stellata, or Star	"	1 1/2	mix'd	25	Fine summer blooming plants with magnificent pea-shaped flowers. Bedding plants with beautiful colored foliage. Easily grown from seed. The dwarf large-leaved strain is especially desirable. The colors are light to dark red, beautifully marbled and spotted.
Cilanthus Dampieri	"	3	scar.	10	
magnificus	"	4	crim.	10	
Coleus , choicest mixed	"	2	"	10	
fringed and blotched	"	"	"	20	
large leaved varieties	"	"	"	20	Continual bloomers. Adapted for bedding and for house and conservatory decoration.
large leaved, dwarf	"	3/4	"	10	
Cuphea (Cigar Plant) miniata	†hhP	1	"	5	
—compacta	"	2/3	mix'd	10	
—platycentra	"	1	s. & w.	10	
Cyclamen giganteum	tP	"	mix'd	50	Easily grown, free-flowering, bulbous plants for pot culture. Breck's Imperial is unsurpassed for size, form, profusion and variety of delicate colored flowers. It has eclipsed all others on the exhibition tables at the Mass. Horticultural Society's exhibitions.
—Breck's Imperial	"	"	white	50	
—album (Mont Blanc)	"	"	d. red	50	
—atropurpureum	"	"	crim.	50	
—Crimson King	"	"	d. crim.	50	
—Duke of Connaught	"	"	w. & p.	50	The several varieties offered here are grown for us by the leading cyclamen growers of Europe, and are at least equal in quality to any obtainable.
—picturatum	"	"	pink	50	
—Princess May	"	"	red	50	
—Princess of Wales	"	"	rose	50	
—Rosy Moon	"	"	d. red	50	
—sanguineum	"	"	p. & c.	50	<i>Bush Hill Pioneer</i> is the first of a new race; each petal has a distinct crest or feather upon its face. <i>Papilio</i> has fringed and oddly curled petals, and handsomely mottled foliage.
—Sunray, pink and claret	"	"	white	50	
—White Swan	"	"	mix'd	25	
—William's Prize	"	"	white	50	
—Bush Hill Pioneer, white	"	"	rose	50	
—Rose	"	"	mix'd	25	<i>The Double Flowered</i> sort makes a fine contrast to the single varieties.
papilio	"	"	"	50	
Large Double Flowered	"	1/2	"	25	
Persicum, mixed	"	"	"	25	
Dracæna Australis	"	8	"	25	Ornamental plants for greenhouse, also useful for vases. <i>Indivisa</i> has narrow green leaves. The midrib of <i>Veitchii</i> is a deep red color.
indivisa, per 1,000 seeds	I.00	"	"	10	
Veitchii	"	3	"	25	
Ferns , collection 12 fine sorts	I.25	"	"	"	
Freesia refracta alba	"	2	white	10	
Fuchsia hybrida, Single	"	var.	mix'd	25	Sweet-scented bulbous plants. Well known plants of easy culture. They require a firm, rich soil and shady location.
—double	"	"	"	25	
Geranium , see Pelargonium	"	"	"	"	
Gesnera , veined hybrids	"	1/2	"	50	
Gloxinia hybrida grandiflora	"	"	"	"	
—Aigburth crimson	"	1	crim.	50	The seed here offered embraces the cream of several European Prize Collections. It is the very choicest
—Avalanche	"	"	white	50	

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NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
Gloxinia.—Continued.					
—coelestina	tP	1	b. & w.	50	} obtainable, and includes colors, shades and markings that beggar description. <i>Cyclops</i> is carmine with white edge spotted red. <i>Goliath</i> , purple-violet spotted, throat carmine, white edge spotted violet. <i>Hetherset Hybrid</i> is one of the most beautiful offered.
—Cyclops	"	"	c. & w.	50	
—Brilliant	"	"	crim.	25	
—Defiance	"	"	scar.	50	
—Goliath	"	"	pur.	50	
—Hetherset Hybrid	"	"	mix'd	50	
—Princess Maud	"	"	c. & w.	50	
—French Spotted and Striped	"	"	spot.	50	
—Giant Hybrids	"	"	mix'd	50	
Grevillea robusta	"	4	or'ge.	.75 10	Graceful foliage plant.
Heliotropium (Heliotrope)					
Chieftain (dark)	"	"	d. pur.	10	} Well-known bedding and pot plants that are highly prized for their delightful fragrance. They are of the easiest culture and prefer a light, rich soil.
Snowball	"	"	white	10	
Giant Hybrids, mixed	"	2	mix'd	2.50 10	Handsome, sweet-scented pot plants.
Humea elegans	hhB	4	red	10	Suitable for pots and beds.
Lantana hybrida	tP	2	mix'd	5	Beautiful greenhouse climber.
Lapageria rosea	"	15	rose	25	Splendid foliage plant.
Musa ensete (Banana)	"	10		25	} A beautiful climber; flowers have a sweet orange fragrance.
Myrsiphyllum (Smilax) — asparagoides	"	"	white	.75 10	
Pelargonium (Geranium) —					
apple-scented	"	1 1/2	pink	15	} General favorites; indispensable for indoor and outdoor decoration. The seed we offer is saved from first-class varieties.
double scarlet	"	2	scar.	10	
ivy-leaved	"	"	mix'd	20	
Zonale	"	"	"	.75 10	
show pelargoniums	"	"	"	50	
Periwinkle , see <i>Vinca</i>					
Primrose , see <i>Primula</i>					
Primula sinensis (Chinese Primrose) —					
Breck's Superb	"	3/4	mix'd	50	} To secure good results in growing these favorites the planter must be sure to obtain the very best strains only. Our seed is the cream of several collections that are recognized as the best in Europe. <i>Breck's Superb</i> is the finest strain in existence; vigor of plants, size, substance and variety of delicate shades of flowers are its features.
alba magnifica	"	"	white	50	
alba oculata lutea (white, yellow eye)	"	"	w. & y.	50	
Chiswick Red	"	"	crim.	50	
coccinea, scarlet, yellow eye	"	"	scar.	50	
Countess	"	"	black	50	
cristata hybrida	"	"	mix'd	25	
cœrulea	"	"	blue	50	
James' Prize	"	"	mix'd	50	
Magnum Bonum	"	"	d. red	50	
rubra violacea	"	"	d.crim.	50	
Snowball (Queen of Whites)	"	"	white	50	
Snowdon (immense trusses)	"	"	"	50	
Fern-leaved Giant Flowering	"	"	mix'd	50	
—mixed	"	"	"	25	
double mixed	"	"	"	50	
obconica grandiflora	"	"	white	15	
—Kermesina	"	"	red	25	
—Rosy chamois	"	"	pr'rose	35	
—rosea	"	"	rose	25	
—fimbriata	"	"	white	25	
Saintpaulia ionantha	†tP	1/2	blue	25	Beautiful violet-like flowers.
Stevia eupatoria	tP	1 1/2	white	5	} Valuable for pots and borders. Fine for bouquets.
Lindleyana	"	"	rosy	5	
Streptocarpus , imp. hybrida	"	1	mix'd	25	} Magnificent climber.
Tacsonia Van Volexemi	"	10	scar.	10	
Vinca (Periwinkle) <i>alba</i>	†tP	3	white	.75 5	} Tender evergreen plants, suitable for pot culture or planting out. Handsome single flowers and glossy foliage.
rosea	"	"	rose	.75 5	
—alba	"	"	ro.&w.	.75 5	
—mixed	"	"	mix'd	.75 5	
EVERLASTINGS.					
Useful for winter bouquets.					
Acroclinium album	hhA	1	white	.30 5	} Graceful plants, with daisy-like flowers; useful for winter decorations. The flowers should be gathered when young.
—fl. pl.	"	"	"	.30 5	
roseum	"	"	rose	.30 5	
—fl. pl.	"	"	"	.30 5	
mixed	"	"	mix'd	.30 5	
Ammobium alatum	hhP	2	white	.30 5	} Gather before fully expanded to pre-serve for winter.
grandiflorum	"	"	"	.30 5	

See Special Offers on third page of cover.



NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.	
Globe Amaranth , see Gomphrena						
Gomphrena aurea superba	hA	1 1/2	or'ge	.30	5	These are old favorites for winter bouquets, and were formerly called "Bachelor's Buttons."
—globosa alba.....	"	"	white	.30	5	
—rosea	"	"	rose	.30	5	
—striata	"	"	stri.	.30	5	
—violacea	"	"	violet	.30	5	
—mixed	"	"	mix'd	.30	5	
—nana compacta rubra	"	1	red	.30	5	The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in an enriched sandy loam.
— — — alba	"	"	white	.30	5	
Helichrysum bracteatum, single.....	hA	1 1/2	yel.	.30	5	
—album.....	"	"	white	.30	5	
—Fireball	"	"	crim.	.50	5	
—monstrosum album, double.....	"	"	white	.50	5	
—luteum, double	"	"	yel.	.50	5	These are the best known of all everlastings. The flowers are of large size and bright colors. The flowers should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich loamy soil.
—purpureum, double.....	"	"	pur.	.50	5	
—roseum, double.....	"	"	rose	.50	5	
—double mixed.....	"	"	mix'd	.50	5	
—nanum, dwarf double.....	"	1	"	.75	5	
Helipterum Sanfordi.....	"	"	yel.	.20	5	
corymbiflorum.....	"	"	white	.20	5	Small foliage, large clusters of white and golden star-like flowers.
Rhodanthe maculata	hhA	"	r. & w.	.50	5	
—alba.....	"	"	white	.50	5	
—mixed	"	"	mix'd	.50	5	
—Manglesii.....	"	1	rose	.50	5	Very beautifully formed flowers.
Shortia Californica.....	hA	"	yel.		5	
Waitzia grandiflora.....	hhA	"	"	1.00	10	Flowers in clusters; should be gathered early.
Xeranthemum album fl. pl.....	hA	2	white	.25	5	
—purpureum fl. pl.	"	"	pur.	.25	5	A showy class of everlastings. The flowers retain their color and form a long time.
—mixed double.....	"	"	mix'd	.25	5	

ORNAMENTAL GRASSES.

A large number of these grasses, if cut before they are fully matured, will be useful in the formation of winter bouquets, mixed with everlastings.

collection, 12 distinct sorts..... 50

Abyssinian Grass, see Poa amabilis

Agrostis nebulosa..... hA 1 1/2 5

Andropogon argenteus..... hP 4 5

Animated Oats, see Avena sterilis

Arundo conspicua..... " 8 5

—Donax fol. variegatas..... " " 10

Avena sterilis (Animated Oats)..... hA 2 1/2 10

Fine plumes for bouquet.
Dense, silky, with bright white hairs.

New Zealand Pampas Grass.
Finely striped foliage.

See Special Offers on third page of cover.

NAME.	Hard. and Dur.	H'g't Feet.	Color of Flower.	Price per Oz. Pkt.	DESCRIPTION.
<i>Briza gracilis</i>	hA	1		5	} The well-known Quaking Grass.
<i>maxima</i>	"	2		5	
<i>Bryzopyrum siculum</i>	"	$\frac{3}{4}$		5	} Good for edging.
<i>Bromus brizæformis</i>	hP	$1\frac{1}{2}$		5	
<i>Chloris barbata</i>	tP	1		5	} Very effective in borders, slender and
<i>elegans</i>	"	$\frac{3}{4}$		5	
<i>Chloropsis Blanchardiana</i>	"	3		10	} Flowers of a bright rose color.
<i>Chrysurus aureus</i>	hA	1		5	
<i>Coix lachryma</i> (Job's Tears).....	"	$1\frac{1}{2}$		5	} The dry seeds make fine strings of
<i>oligostachya</i>	"	1		10	
<i>Eragrostis elegans</i> (Love Grass).....	"	"		5	} Three horns, very pretty.
<i>Erianthus ravnæ</i>	hP	8		10	
<i>Eulalia Japonica</i>	"	6		10	} For borders and bouquets.
<i>Feather Grass</i> , see <i>Stipa pennata</i>					
<i>Festuca pectinella</i>	"	$\frac{1}{2}$		5	} Resembles Pampas Grass.
<i>viridis</i>	"	"		5	
<i>Gynerium argenteum</i> (Pampas Grass).....	tP	7		10	} Magnificent.
<i>jubatum</i>	"	6		10	
<i>Hare's Tail</i> , see <i>Lagurus</i>					} Useful for edging and bouquets.
<i>Hordeum jubatum</i>	hA	2		5	
<i>Isolepis gracilis</i>	hhP	$\frac{1}{2}$		10	} Most stately of all grasses. <i>G. jubatum</i>
<i>Job's Tears</i> , see <i>Coix</i>					
<i>Lagurus ovatus</i> (Hare's Tail).....	hA	$1\frac{1}{2}$		5	} has fine silvery red flowers.
<i>Pampas Grass</i> , see <i>Gynerium</i>					
<i>Paspalum elegans</i>	"	2		10	} Squirrel Tail Grass.
<i>Pennisetum longistylum</i>	"	$1\frac{1}{2}$		5	
<i>Poa amabilis</i> (Abyssinian Grass).....	"	2		10	} Pretty rush-like grass.
<i>Stipa elegantissima</i>	hP	"		10	
<i>pennata</i> (Feather Grass).....	"	"		5	} Excellent for bouquets.
<i>Tricholæna rosea</i>	"	1		10	
<i>Tripsacum dactyloides</i>	"	$\frac{1}{4}$		10	} Pretty for edging.
<i>Uniola latifolia</i>	hA	3		10	
<i>Zea Japonica variegata</i> (Maize).....	"	"		5	} Useful for bouquets.
<i>—gigantea quadricolor</i>	"	4		10	
Mixed Grasses.....	"	var.		5	} The leaves are beautiful, striped with
					} white, rose and yellow.

WILD GARDEN SEEDS.



Any one who has cultivated flowers in neatly laid out beds, or carefully planned ribbon borders, is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, we offer "Wild Garden Seeds," a mixture of over one hundred varieties of hardy flower seeds. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day. Half-oz. packets, 20 cts.

Breck's Collections of Flower Seeds.

COLLECTION "A," price 25 cts., contains one packet each of Mignonette; Alyssum, white; Sweet Peas, fine mixed; Phlox Drummond, fine mixed; Portulaca, fine mixed; Chinese Pink, fine mixed.

COLLECTION "B," price 50 cts., contains the varieties in Collection "A," with the following in addition: Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, German, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

COLLECTION "C," price 75 cts., contains the varieties in Collection "A," and "B," with the following in addition: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

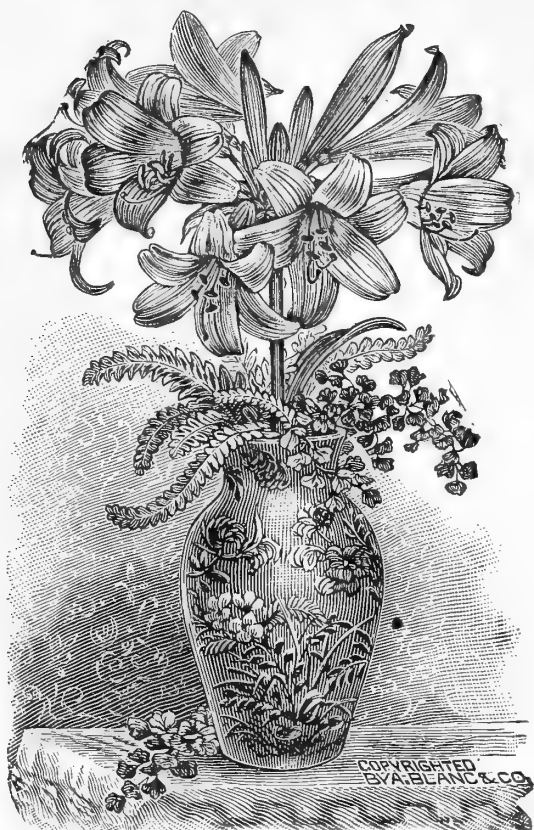
COLLECTION "D," price \$1.00, contains the varieties in Collections "A," "B," and "C," with the following in addition: Tall Nasturtium, fine mixed; Marigold, French, striped; Larkspur, dwarf Rocket; Poppy, double mixed; Convolvulus, dwarf mixed; Chrysanthemum, fine mixed; Antirrhinum, finest mixed.

COLLECTION "E." *This assortment produces a fine effect in the garden and all the sorts are suitable for bouquets.* Price 50 cts. Abronia, Ageratum, Amaranthus Bicolor, Aquilegia, Aster Chrysanthemum-flowered, Calliopsis Collinsia, Dianthus Chinensis, Codetia, Mignonette, Phlox Drummond, Zinnia.

COLLECTION "F." The following kinds are *specially suitable for growing in vases or hanging baskets.* Price 25 cts. Alyssum Maritimum, Convolvulus Mauritanicus, Dwarf Nasturtium, Lobbs' Nasturtium, Lobelia Gracilis, Mimulus Moschatus.

See Special Offers on third page of cover.

BULBS and PLANTS



Amaryllis.

APIOS TUBEROSA. A pretty, hardy native climber. Flowers resemble the popular *Wistaria*; very fragrant. 10 cents each; \$1.00 per dozen.

BEGONIA. Tuberous Rooted. These are desirable plants for bedding. The flowers are not destroyed by rain storms, but seem to shine more brilliant after every shower. The colors are varied and beautiful. Our bulbs are from the same source as our seed and are superior. Single flowered sorts, *Red, Crimson, Scarlet, Rose, Pink, White, Yellow, Gold and Bronze, Striped and Flaked.* 5 cents each; 50 cents per dozen; \$3.75 per hundred.

—**Single Flowered.** Mixed colors, 4 cents each; 40 cents per doz.; \$3.00 per 100.

—**Double Flowered Sorts.** Same color as the single kind. 10 cents ea.; \$1.00 doz.

—**Double Flowered Mixed.** 8 cents each; 85 cents per dozen.

BESSERA ELEGANS (Coral Drop). Bright scarlet flowers, borne on stems about two feet high. Will bloom from shortly after planting until frost. 5 cents each; 50 cents per dozen.

CALADIUM ESCULENTUM. Beautiful ornamental foliage plant. The leaves are of immense size, light green with darker veins. Will grow in any good garden soil, to a height of five feet. Dry bulbs according to size, 10, 15 and 20 cents each; \$1.00 to \$2.00 per dozen. Growing plants from pots, 20 and 25 cents each; \$2.00 to \$3.00 per dozen. Special Offer No. 3 only applies to Caladiums.

CALLA LILIES. White. 20 cents each; \$2.00 per dozen.

—**Little Gem.** 20 cents each; \$2.00 per dozen.

CINNAMON VINE. Hardy climber, shining green foliage, fragrant white flowers. 5 cents each; 50 cents per doz.

CRINUM. Amaryllis-like bulbous plants, suitable for pot or open ground culture.

—**Capense.** Bright rose. 25 cents each.

—**Kirkii.** Large white, purple-striped flower borne on dark purple-colored stems, two feet high. 30 cents each.

—**Ornatum.** Delicate blush with a pink stripe through the centre. Very fragrant. 35 cents each.

CYCLAMEN. Suitable for pot culture only. Plant the bulbs in a light rich soil, and water sparingly till started.

—**Persicum giganteum.** Mixed colors or white and shades of red. 20 cents each; \$2.00 per dozen. Started plants in pots 50 cents to \$1.00 each.

CYCLOBOTHR FLAVIA. This golden gem is of great beauty and easily grown; the habit of plant and bloom is similar to Bessera; the color is clear golden-yellow, with intense black spots on each petal. 8 cts. each; 80 cts. doz.

CACTUS. These plants require absolutely no care. They grow for months in the house or garden without watering, and increase in value yearly. Their flowers are of exquisite beauty and fragrance, and their curious forms render them exceedingly interesting. In winter they require scarcely any water. Ten fine plants \$1.00, or five for 50 cents.

CHRYSANTHEMUMS. Hardy Pompon. Suitable for garden cultivation. The flowers are smaller than the popular Japanese sorts, but the form is perfect and the range of color much greater than hitherto obtainable: *Ada*, yellow and bronze; *Agalia*, lemon-yellow; *Blushing Beauty*, white, edged pink; *Canovia*, bronze-yellow; *Eagle d'Or*, yellow; *Ivanhoe*, pink; *Jack*, deep pink; *Marconi*, pure white; *Pet*, pink and white; *Rhoda*, rose; *Santiago*, bronze, tipped yellow; *St. Crousse*, deep brick red.

20 cents each; \$2.00 per dozen.

See Special Offers on third page of cover.



Caladium.

CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUMS. This list is the cream of the large flowering chrysanthemums. The stock we offer is raised by one of the most successful growers in the country and is free from disease. If what you want is not included in the sorts here named, send us your list. We can furnish every desirable variety.

WHITES, Early.—*Polly Rose, Bergeman, Ivory, Willow Brook.* **Medium Season.**—*Timothy Eaton, White Bonaffon, Western King, Mirza.* **Late.**—*Yanoma, Merry Christmas, Mrs. Jerome Jones.*

YELLOWs, Early.—*Robert Halliday, Harry Hurreld.* **Medium Season.**—*Pennsylvania, Major Bonaffon.* **Late.**—*H. W. Reiman, W. H. Lincoln.*

PINK, Early.—*Glory Pacific, Pink Ivory.* **Medium Season.**—*Mrs. Perrin, Francis B. Hayes.* **Late.**—*S. T. Murdock, Maud Dean.*

RED, Early.—*Mons. B. Gerond.* **Medium.**—*John Shrimpton.* **Late.**—*Cullingfordii, BRONZE, Kate Broomhead.* 15 cts. each; \$1.50 per doz.

CARNATIONS. For blooming in the garden we can furnish three colors that will flower if set out after the middle of May, from July until frost.

—*Scarlet, Crimson, White.* Extra strong plants from pots. 25 cts. each; \$2.50 per doz.

—*Mound Pinks.* These old favorites, if given enough room, form a pretty mound of bluish-green foliage and produce freely beautiful, blush-pink, fragrant flowers. 20 cts. each; \$2.00 per doz.

—*Margaret.* This is the new class that blooms from seed in about four months. About 90 per cent of the flowers are double. All very sweet scented and they embrace a great variety of delicate shades. They are exceedingly useful for cutting. Strong plants, 15 cts. each; \$1.50 per doz.

FLOWERING CANNAS.

The Cannas here offered are all started plants, not dry bulbs — that will come into bloom shortly after being set out.

ITALIAN, OR ORCHID-FLOWERED VARIETIES.

Austria. 4 ft.; flowers, pure yellow; foliage, banana-like in color and form.

Alemannia. 5 ft.; outer petals, scarlet with broad yellow border; inside, shading to dark red.

America. 5 ft.; flowers, reddish-purple; foliage, dark red.

Africa. 5 ft.; purple-scarlet, yellow inside; bronze foliage.

Burbank. 4 ft.; yellow, very fine.

Edouard Andre. 5 ft.; fiery red with orange-yellow spots, spikes very large.

Italia. 5 ft.; yellow, blotched with orange scarlet and bordered yellow; foliage, light green with dark veins.

La France. 5 ft.; brilliant orange-scarlet; foliage, dark and shining.

Mrs. Kate Gray. 5 ft.; orange-scarlet, flaked with yellow; extra large. 30 cts. each; \$3.00 per doz.

Partenope. 6 ft.; dark orange-yellow; foliage bright green.

CROZY'S LARGE FLOWERING.

Alphonse Bouvier. 5 ft.; crimson-scarlet, foliage dark green.

Alsace. 4 ft.; creamy white. The best white yet produced, effective.

Admiral Courbet. 4 ft.; yellow, speckled with orange-scarlet; green foliage.

Antoine Crozy. 4 ft.; rich carmine; foliage green.

Chicago. 4 ft.; vermilion. Very large and effective flowers.

Charles Henderson. 3½ ft.; deep crimson; green foliage.

Duke of Marlborough. 4 ft.; deep crimson-maroon; green foliage.

Egandale. 4 ft.; bright red; foliage, purple.

E. G. Hill. 4 ft.; scarlet, veined with carmine; green foliage.

Florence Vaughan. 3½ ft.; golden-yellow, spotted bright red; deep green foliage.

F. R. Pierson. 3½ ft.; bright scarlet; green foliage.

Geoffrey St. Hillaire. 5 ft.; flowers, glowing orange; foliage, chocolate.

Gold Coin. 3 ft.; bright lemon-yellow, spotted with light orange; foliage, deep green. The flower spikes are large and borne well above the foliage.

Gustav Sennholz. 3½ ft.; flowers, silvery rose, mottled with salmon; foliage, deep green.

Jules Chretien. 4 ft.; flowers, bright red, very large; foliage, deep green.

Madame Crozy. 3½ ft.; flowers, crimson-scarlet, bordered with yellow; foliage, deep green.

Martha Washington. 3 ft.; flowers, pure bright rose; foliage, green. 25 cts. each; \$2.50 per doz.

President Cleveland. In many respects the best variety yet introduced. 3½ ft.; flowers, a peculiar bright red, and very massive; foliage, deep green.

Philadelphia. 3 ft.; flowers, intense scarlet; foliage, green. 25 cts. each; \$2.50 per doz.

President Carnot. 4 ft.; flowers, orange-scarlet; foliage, chocolate-maroon. 20 cts. each; \$2.00 per doz.

Queen Charlotte. 4 ft.; flowers, blood-red, banded with bright canary-yellow; foliage, bluish-green.

Robert Christie. 4 ft.; flowers, orange-scarlet; foliage, green. 25 cts. each; \$2.50 per doz.

Souv. d'Antoine Crozy. 3 ft.; flowers, intense scarlet-crimson with a broad, rich golden-yellow edge; foliage, deep green.

Sunbeams. 3 ft.; flowers, golden-yellow; foliage, green. 20 cts. each; \$2.00 per doz.

Vesuvius. 4½ ft.; flowers, crimson-scarlet; foliage, dark green.

Victor Hugo. 4 ft.; flowers, scarlet; foliage, quite dark.

Price 15 cts. each; \$1.00 per doz., except as noted. Cannas are not subject to any of our Special Offers.



Cannas.

DAHLIAS.**Single, Double and Cactus Dahlias.****GLOXINIA BULBS.**

Our stock of these is very choice. The bulbs should be potted in the spring in light sandy loam, and they will commence growing and blooming at once. In the fall, dry them and store in a warm place through winter. Strong flowering bulbs, mixed colors, per bulb, 15 cts.; \$1.75 per doz.

GLADIOLI. To keep up a continuous bloom from June until frost, plantings should be made every two weeks. Plant six inches apart in rows, four inches deep. After frost lift and cut off near the bulb, and store in any dry place where the frost will not reach them.

—**BRECK'S BOSTON PRIZE STRAIN.** The finest mixture procurable, representing almost every shade known in Gladioli, from purest white, yellow, pink, purple. Bulbs are first size and will give satisfaction. 30c. doz.; \$2.25 per 100.

—**Same selection,** but smaller bulbs. 25 cts. doz.; \$1.75 per 100.

—**GROFF'S HYBRIDS.** A new strain, largely hybrids of *Nancieanus*, *Lemoinei*, and *Childsii*. Very vigorous growth, largest size blooms, nearly all scarlet shades. 35 cts. doz.; \$2.75 per 100.

—**Childsii.** Originated by Mr. Lemoine. A perfectly distinct class, with large open flowers of rich, orchid-like colorings. Choicest mixture, 35 cts. doz.; \$2.75 per 100.

—**Lemoinei.** Richly blended shades of yellow, red, brown, blue, green, etc. They are early, fairly hardy and should be generally grown. 25 cts. doz.; \$2.00 per 100.

TWELVE FINE NAMED GLADIOLI.

AUGUSTA. Pure white, blue anthers; each 10 cts.; doz. \$1.00; 100 \$7.50.

BRANCHLEYENSIS. Vermilion scarlet; each 3 cts.; doz. 25 cts.; 100 \$1.50.

CERES. White, spotted rose; ea. 5c.; doz. 50c.; 100 \$3.

ISAAC BUCHANAN. Clear yellow; each 8 cts.; doz. 65 cts.; 100 \$4.50.

JOHN BULL. White, tinted sulphur; each 6 cts.; doz. 50 cts.; 100 \$3.50.

MADAM MONERET. Dark rose; each 5 cts.; doz. 50 cts.; 100 \$3.00.

One each above sorts 50 cts.; 100 equal quantities each sort \$3.00.

UNNAMED GLADIOLI, SEPARATE COLORS.

Scarlet Shades. 20 cts. doz.; \$1.50 per 100.

Crimson Shades. 20 cts. doz.; \$1.50 per 100.

Pink Shades. 20 cts. doz.; \$2.00 per 100.

White Shades. 20 cts. doz.; \$2.00 per 100.

The increasing demand for these beautiful fall blooming plants has stimulated growers to produce improvement in size, form and colors. We offer the following named sorts which embrace some of the old standard varieties as well as the newer approved kinds. Planting should not be made until danger of frost is past in May. The bulbs should be lifted as soon as foliage is injured by first frost in fall, dried, packed in sand and stored during winter in a warm place.

SHOW AND FANCY DAHLIAS.

Elegans. Rosy purple, tipped white.

Keystone. Pink, striped white.

Lottie Eckford. White, striped pink and crimson.

Silver Tip. Canary yellow, tipped white.

Striped Banner. Crimson scarlet, tipped white.

Prosperio. Violet maroon, blotched white.

A. D. Livoni. Soft pink.

Penelope. White, flaked lavender.

Margaret Bruant. Pure white.

Mrs. Dexter. Rich salmon.

Mrs. Langtry. Cream, peach and purple.

Foxhunter. Salmon scarlet.

POMPON DAHLIAS.

Alewine. White, flushed pink.

Brunette. Crimson, spotted white.

Burning Coal. Scarlet.

Darkness. Dark maroon.

Fairy Tales. Delicate primrose.

Juliet. Yellow and orange.

Little Frank. Light yellow, edged carmine.

Little Prince. Red, tipped pink.

Snowclad. The finest white.

SINGLE DAHLIAS.

Ami Barillett. Crimson.

Beauty of Chillwell. Orange, tipped crimson.

Gold Standard. Pure, deep yellow.

Fashion. Crimson maroon, flamed purple.

Lady Whitehead. Cerise pink, light disc.

Snow Queen. Best pure white.

SINGLE CACTUS DAHLIAS.

Marguerite. Pure white, twisted petals.

Redbird. Crimson scarlet.

Darkey. Violet maroon.

Moonlight. Yellow and gold.

All the above sorts 15c. ea.; \$1.50 per doz.

MAY. White flaked crimson; ea. 5c.; doz. 50c.; 100 \$3.

FATIMA. White, rose and violet; each 5 cts.; doz. 50 cts.; 100 \$3.00.

EUGENE SCRIBE. Rose, blazed carmine; each 10 cts.; doz. \$1.00; 100 \$7.50.

SHAKESPEARE. White with pale rose; each 10 cts.; doz. \$1.00; 100 \$7.50.

NAPOLEON III. Scarlet, penciled white; each 3 cts.; doz. 25 cts.; 100 \$1.50.

"1900." Rich red, spotted white; each 5 cts.; doz. 50 cts.; 100 \$3.00.

Yellow Shades. 60 cts. doz.; \$4.00 per 100.

Striped and Variegated. 35 cts. doz.; \$2.75 per 100.

Blue Shades. 10 cts. each; \$1.00 per doz.

See Special Offers on third page of cover.

**Lilium Auratum.**

IRIS GERMANICA. The German Iris bloom earlier than the Kämpferi. They embrace many charming combinations of colors, and are very fragrant. Separate colors blue, white, yellow. \$1.50 per doz. Fine mixture, \$1.00 per doz.

Kämpferi. See *Herbaceous Plants*.

LILIES. Lilium Auratum. Golden Banded Lily of Japan. Immense white flowers, each petal marked with a wide gold band and spotted with maroon. Each, 20 cts.; per doz., \$2.00.

—**Lancifolium Rubrum.** White with rich crimson spots. Each, 15 cts.; per doz., \$1.50.

—**Roseum.** White stained and spotted rose. Each, 15 cts.; per doz., \$1.50.

—**Melpomene.** White, suffused with darkest crimson. Each, 20 cts.; per doz., \$2.00.

—**Album.** Large, pure white flowers. Each, 20 cts.; per doz., \$2.00.

MILLA Biflora. Beautiful white, waxy flowers with pale lemon anthers. Deliciously fragrant. Plant outdoors in May and take up bulbs in fall like Gladioli. Each, 5 cts.; per doz., 50 cts.; per 100, \$3.75.

MADEIRA VINE. A beautiful, rapid-growing climber, bearing in profusion very fragrant white flowers. Each, 5 cts.; per doz., 50 cts.

MONTBRETIA Crocosmiæflora. Very large flowers of fine shape. Base of flowers is bright orange, sprinkled with purple spots, arranged like Tigridia. Each, 3 cts.; per doz., 30 cts.

—**Germanica.** A decided acquisition; grows 3 feet high, and of sturdy branching habit. The flowers measure 3 inches across; color glowing scarlet shaded with orange, the reverse side being blood red. Each, 20 cts.; per doz., \$2.00.

SMILAX. A beautiful climber for greenhouse or window culture. Plants from two and a half inch pots. 15 cts. each; \$1.00 per doz.

TIGRIDIA (Shell Flower). Beautiful large, shell-like flowers, produced from July until frost. They require similar treatment to the dahlia.

—**Conchiflora.** Orange and crimson spots. 5 cts. each; 50 cts. per doz.

—**Grandiflora Alba.** White flowers spotted with maroon and rose. 5 cts. each; 50 cts. per doz.

—**Crimson.** 5 cts. each; 50 cts. per doz.

—**Pavonia.** Red with crimson spots. 5 cts. each; 50 cts. per doz.

TUBEROSES. These are universal favorites and very easily grown. Before potting, remove the small offsets. Use rich loam and start in hot bed or in house. Do not set out until all danger from frost is past.

—**Excelsior Double Pearl.** 5 cts. each; 25 cts. per doz.; \$1.75 per 100.

—**Tall, Double.** 5 cts. each; 25 cts. per doz.; \$1.75 per hundred.

SUMMER BEDDING PLANTS, FLOWERING AND FOLIAGE.

	Doz.	100
Abutilon. In variety.....	\$1.00	\$8.00
Achyranthes Collinsii .....	.75	6.00
Ageratum. Best dwarf, blue.....	.75	5.00
Alternanthera. Dwarf.....	.75	5.00
Alyssum. Double, white.....	.75	6.00
—Variegated foliage.....	.75	6.00
Asters. Pure white.....	.50	3.50
—Assorted colors.....	.50	3.50
Begonias. Choice varieties	1.50	10.00
Caladium Esculentum	2.00	15.00
Cannas. See complete list.		
Calendula. Deep yellow.....	.60	4.00
Carnation, Margaret Assorted.....	1.50	10.00
Centaurea Candidissima	1.00	7.00
— Gymnocarpa Silvery foliage.....	.75	6.00
Cobæa Scandens	1.25	9.00
Coleus. Fine varieties.....	.60	5.00
—new varieties, extra.....	1.00	8.00
Feverfew. Double white, free-flowering..	.75	6.00
—golden (golden fea.) yellow.....	.60	4.00
Fuchsias. Various fine sorts, small pl's...	1.25	10.00
Geranium. Double, red, rose, white.....	1.00	8.00
—Single, scarlet, white, red	1.00	8.00
——bronze-leaved.....	1.00	8.00
——silver-leaved	1.50	10.00
Heliotropes	1.00	8.00
Hollyhocks. Choice strain.....	2.50	18.00

	Doz.	100
Lantanas. Choice varieties.....	\$1.00	\$8.00
Lobelias. Various sorts.....	.50	4.00
Lemon Verbenas	1.50	10.00
Marigold. French and African.....	.60	4.00
Nasturtium. Tall, for trellises, etc.....	.60	4.00
—dwarf, for beds or borders.....	.60	4.00
Pansies. Extra large flowered.....	.40	4.00
—choice fancy, assorted colors.....	.75	6.00
Petunia. Double, choice varieties.....	1.25	8.00
—single, dwarf or tall.....	.75	6.00
Phlox. All colors.....	.60	4.00
Ricinus. In variety.....	1.00	8.00
Salvia. Scarlet for beds, etc.....	1.00	7.00
Stocks. Double, ten weeks.....	1.00	7.00
Verbenas. Assorted colors, extra.....	.50	4.00
Vincas. Red and white.....	1.25	9.00
Zinnias. Assorted colors.....	.60	4.00
Myrtle. For graves and rockwork, 35 cts. per basket.		

The goods purchased from your establishment during the past year have given me entire satisfaction, and I am always pleased to recommend them to those who are looking for reliable flower seeds and bulbs, or in fact anything in the florist's line.

GEORGE V. GOODING,
Waterbury, Conn.

Special Offer No. 3 only applies on Bedding Plants.

WATER LILIES AND AQUATIC PLANTS.

These are all equally as hardy as our native Pond Lily and may be planted as soon as vegetation commences in spring and any time during the season until the end of August.

- James Brydon** (new). Color, rich rosy crimson. Distinct and superb variety of American origin, exhibited at Boston in 1899 and was awarded the Mass. Horticultural Society Silver Medal. Price, \$10.00 ea.
- Wm. Doogue** (new). A magnificent lily of chaste and delicate coloring, large and symmetrical flower of a pleasing shell pink color. Price, \$3.00 each.
- Alba**. The hardy white English pond lily. 50 cts. each.
- Candidissima**. An improved form of N. Alba. 50 cts. each.
- Gladstoniana**. A giant among water lilies, white 50 cts. each.
- Laydekeri rosea**. A gem of the first water. French origin, flowers, delicate rosy pink, deepening to dark rose and carmine. \$2.00 each.
- Lilacea**. Soft lilac rose, shaded carmine. \$1.00 each.
- Purpurea**. Rosy crimson, dark centre. \$1.00 ea.
- Marliacea Albida**. Splendid white. 75 cts. each.
- Carnea**. Delicate pink. 75 cts. each.
- Chromatella**. Large, clear yellow. 50 cts. each.
- Rosea**. Large, rosy pink. \$1.00 each.

These have become a permanent class of decorative plants and as indispensable as hardy perennials. The ease with which they are cultivated and the certainty of grand results the first season after planting and the continuous display until the close of the season place them foremost on the list of flowering plants. The magnificent flowers—of large dimensions—embracing all shades of color, are delicately fragrant. Some varieties open their flowers during the day, others at night; they are most interesting, fascinating and popular.

To obtain best results they should be planted in ponds, natural or artificial; in the latter they are best grown in large boxes as they require plenty of rich soil and ample space for leafage. Where space is limited very satisfactory results may be obtained by using tubs, planting the moderate growers such as *Nymphæa odorata* and its varieties, N. Laydekeri and varieties.

Hardy Nymphæas.

The Marliacea varieties are the strongest growers, the most free and continuous flowering and sweet scented of the hardy water lilies.

- Odorata**. Our native white pond lily. 20 cts. each.
- Gigantea**. The Southern white pond lily. 20 cts. ea.
- Luciana**. Flowers, pure rose pink. \$1.25 each.
- Sulphurea**. Large yellow fragrant flowers. 50 cts. each.
- Minor**. Small white pond lily. 20 cts. each.
- Rosea**. Cape Cod pink pond lily. 50 cts. each.
- Pygmea**. The Chinese miniature white water lily. 30 cts. each.
- Helvola**. Small sulphur yellow flowers, very free flowering. 30 cts. each.
- Robinsoni**. Flowers, yellow, overlaid with purplish-red, general effect orange red. \$1.00 each.
- Tuberosa**. The large Western white pond lily. 20 cts. ea.
- Richardsoni**. A superb double form of N. tuberosa, very choice. 50 cts. each.
- Rosea**. A pink form of the same. 75 cts. each.
- Maxima**. Massive white cup shaped flower, very fragrant. 25 cts. each.

Hardy Nelumbiums, or Lotus.

These are noble aquatic plants, perfectly hardy when established, producing gigantic foliage standing from 3 to 6 ft. above the water, the flowers standing above the foliage and frequently a foot across. Tubers should not be planted before warm, settled weather. In Northern sections, where season is retarded, it is best to set out established plants.

- Speciosum, Egyptian or Sacred Lotus**. 75 cts. each.
- Album striatum**. Large white, striped and tipped rosy carmine. \$1.50 each.
- Kermesinum**. Bright rosy pink, early. \$1.00 each.
- Kinshiren**. White, shaded and veined pink. \$1.50 each.
- Luteum**. American yellow lotus. 75 cts. each.
- Shiroman**. Double white flowers of enormous size, superb. \$3.50 each.
- Perkinensis rubrum plenum** (new). Flowers, brilliant rosy carmine. The deepest color among Nelumbiums; flowers perfectly double. \$3.50 each.

Plants established in pans can be supplied in June at an advance of 25 per cent on above prices, which are for tubers.

Miscellaneous Aquatic Plants.

- Eichhornia azurea**. (Blue water hyacinth.) 25 cts. each.
- Crassipes major**. (Water hyacinth.) 15 cts. each.
- Lymnanthemum indicum**. (Water snowflake.) Beautiful white fringed flowers, fragrant. 20 cts. each.
- Limncharis Humboldtii**. (Water poppy.) Large yellow poppy-like flowers. 15 cts. each.
- Myriophyllum Proserpinacoides**. (Parrot's feather.) Beautiful trailing plant, light green feathery. 10 cts. each.
- Pistia stratiotes**. (Water lettuce.) Rosettes of wedge-shaped leaves, pea green. 15 cts. each.
- Papyrus antiquorum**. Egyptian paper plant. 25 cts. each.

See Special Offers on third page of cover.



NURSERY DEPARTMENT.

Our connection with the oldest and largest Nursery in New England places us in a position to supply home grown stock of satisfactory quality promptly and at reasonable prices.

We emphasize the fact that all our **Fruit Trees, Shade and Ornamental Trees, Evergreen and Flowering Shrubs, Vines and Herbaceous Plants are New England grown**, consequently of sturdy constitution, well rooted, hardy and much more likely to give satisfaction to planters than the large plants of softer and unripened growth that are easily produced in considerable quantities under the milder climatic conditions of the South, and generally offered by Nurserymen and Dealers.

We shall be glad to advise intending buyers as to selection, and also furnish plans and estimates for laying out and planting ornamental grounds. See particulars of Landscape Department in colored pages.

While we exercise the greatest care to have all Nursery stock pure and reliable, we sell no Trees, Plants, Shrubs or other Nursery stock with warranty, express or implied, in any respect. If the purchaser does not accept these goods on these terms, they must be returned at once, and the money that has been paid for them will be refunded.

Roses.

The list of varieties is revised, and contains nothing but the really most desirable and distinct kinds.

PLANTING. If possible select a position sheltered from high winds, but open to sunshine. If the soil is not naturally suitable improve it by the addition of rich loam and decomposed cow or stable manure, well worked in; where stiff and heavy good drainage and rough stable manure are the essentials.

When planting, carefully prune all dead or bruised roots or branches, spread the root fibres as much as possible, and set deep enough to cover the junction of the bud and stock, thereby preventing suckers, and enabling the rose to make roots.

During the growing season, frequent waterings with liquid manure are an advantage. It is easily made by mixing cow manure with water in an old tub or barrel.

Hybrid Perpetual Roses should be pruned in April, when the sap begins to flow. Crimson and other Rambler Roses are best pruned as soon as flowering is past.

Extra Strong Plants, 50 cts. each ; \$4.00 per dozen. Strong Plants, 30 cts. each ; \$3.00 per dozen.

Hybrid Perpetual Roses.

Alfred Colomb. Bright fiery red, large.
American Beauty. Bright rose carmine.
Augustine Guinoisseau. White, tinted flesh.
Baron de Bonstettin. Intensely rich plum.
Baroness de Rothschild. Palest flesh.
Charles Lefebvre. Brilliant velvety crimson.
Clio. Flesh, shaded with rosy pink.
Duchess of Albany. Deep pink, form of *La France*.
Fair Helen. Blush pink in bud, pure white when expanded.
Fisher Holmes. Crimson, shaded with violet.
General Jacqueminot. Scarlet crimson.
Gustave Piganeau. Brilliant carmine lake.
John Hopper. Brilliant rosy crimson.
La France. Lilac rose, centre silvery white.
La Rosiere. Velvety crimson.
Madame Caroline Testout. A deeper colored *La France*.

Madame G. Desse. A striped *Paul Neron*.
Madame Gabriel Luizet. Fine satin rose.
Magna Charta. Pink, suffused with carmine.
Margaret Dickson. White, centre petals pale flesh.
Mrs. John Laing. Soft pink.
Mrs. R. G. Sharman Crawford. Deep rosy pink, shaded pale flesh.
Oskar Cordel. Bright carmine.
Paul Neron. Cerise rose.
Ulrich Brunner. Cerise red.



Crimson Rambler.

Climbing Roses.

Crimson Rambler. Crimson, famous.
Pink Rambler (Psyche). Bright rose, a fitting companion to the famous *Crimson Rambler*. Each 65 cts.; \$6.00 doz.
Yellow Rambler (Agalia). Small bright yellow flowers in large clusters.
White Rambler (Thalia). White, large umbels.
Dawson. Pink, semi-double, fragrant.
Blairii No. 2. Rosy blush, one of the best.
Baltimore Belle. Blush, changing to white.
Gloire de Dijon. Buff, orange centre, tea scented.

50 cts. each ; \$4.00 per doz., except as noted.

Austrian Roses (Yellow).

Harrisonii. Fine golden yellow. 50 cents each.
Persian Yellow. Deepest yellow. 50 cents each.
Soleil d'Or. A perpetual flowering yellow rose, perfectly hardy; the shades are golden yellow and orange; the flowers average 3 inches over, and are very full. 65 cts each.

See Special Offers on third page of cover.

ROSES—Continued.**Moss Roses.**

Crested Moss. Rose. *Little Gem.* Crimson. *Reine Blanche.* White. 50 cents each.

Tea, or Everblooming Roses.

For the home and greenhouse cultivation these are unsurpassed. They bloom all season outdoors and will come safely through an ordinary winter if laid down in the month of November and covered with about 9 inches of soil.

Bride. White.

Bridesmaid. Brilliant pink.

Catherine Mermet. Silvery pink.

Kaiserin Augusta Victoria. White.

Niphetos. White, tinged lemon.

Perle des Jardins. Golden yellow.

Small Plants, 15 cts. each; \$1.50 per doz. Large Plants, 30 cts. each; \$3.00 per doz.

Miscellaneous Roses.

Beautiful in foliage, bud, full flower and fruit, planted in clumps, they are attractive throughout the entire year.

Rugosa alba. White, single.

— *Rubra.* Crimson, single.

— *Blanc.* White, double.

— *Mme. C. Worth.* Carmine, double.

50 cts. each; \$4.00 per doz.

Sweet Briar. Fragrant foliage and pink flowers. 50 cents each.

Grandiflora. Beautiful cut foliage, flowers white. 50 c. ea.

Low trailers suitable for covering banks, rockeries, etc.

Trailing, Wichuriana. Glossy green foliage, white flowers, single.

— *Manda's Triumph.* Pure white double.

— *Universal Favorite.* Bright pink double.

30 cts. each; \$3.00 per doz.

Carolina. (Wild Swamp Rose.) 25 cents each; \$2.00 per dozen.

Hardy Herbaceous Perennials.

These plants grow in beauty, size and value year by year. They require less care than most desirable flowering plants, and are adapted for nearly every condition. The months named indicate the time of flowering of each.

Achillea. (*The Pearl.*) Pure white, double. June. 2 ft., 15 cts. each; \$1.50 doz.

— *Tomentosa.* Yellow yarrow. 6 in., 20 cts. ea.; \$2.00 per doz.

Alyssum Saxatile Compactum. Beautiful yellow flowers in spring. 6 in., 20 cts. ea.; \$2.00 per doz.

Anemone Japonica Rosea. Dark pink flowers in August and September. 2 ft., 15 cts. ea.; \$1.50 per doz.

— *Alba.* Beautiful white. 2 ft., 15 cts. each; \$1.50 per doz.

Anthemis Tinctoria. (*Yellow Marguerite.*) Flowers May and June. 2-3 ft., 15 cts. ea.; \$1.50 per doz.

Anthericum Liliastrum Major. (*St. Bruno's Lily.*) White. June. 2½ ft., 20 cts. ea.; \$2.00 per doz.

Aquilegia Chrysantha. Rich yellow. July. 3 ft., 15 cts. each; \$1.50 per doz.

— *Cœrulea Hybrida.* Shades of blue, white, pink, yellow, etc. 2-3 ft., 20 cts. ea.; \$2.00 per doz.

— *Munstead White.* Creamy white. July. 2½ ft., 20 cts. each; \$1.75 per doz.

Armeria Lauchiana. (*Sea Pink.*) Bright rose. May to frost. 9 in., 15 cts. ea.; \$1.50 per doz.

Arabis Alpina Plena. (*Alpine Rock Cress.*) (*Perennial, White Alyssum.*) White. May. 6 to 9 in., 20 cts. each; \$2.00 per doz.

Aster Esme. Pure white. September. 2 ft., 25 cts. each; \$2.50 per doz.

— *Formosissima.* Rosy-purple. September. 4 ft., 15 cts. each; \$1.50 per doz.

— *Nova Angliæ.* Bluish-purple. September. 4 ft., 15 cts. each; \$1.50 per doz.

— *Nova Angliæ Rosea.* Pink New England Aster. 3 ft., 15 cts. each; \$1.50 per doz.

Boltonia Latisquamæ. Clear lilac. September. 4 ft., 15 cts. each; \$1.50 per doz.

Campanula Grandiflora. (*Platycodon.*) Very dark blue. August to September. 2-3 ft., 20 cts. each; \$2.00 per doz.

— *Persicifolia Grandiflora.* (*Peach-leaved Bell Flower.*) Porcelain Blue. June to August. 2-3 ft., 25 cts. each; \$2.50 per doz.

Campanula Persicifolia Moerheimii. Pure white; 3 in. across, large, double. June. 2-3 ft., 35 cts. each; \$3.50 per doz.

— *Carpatica.* Clear blue. Summer. ¾ ft., 20 cts. each; \$2.00 per doz.

— *Alba.* Pure white form of above. 20 cts. each; \$2.00 per doz.

Centaurea Montana. Colors red, white, blue and pink. Summer. 1½ ft., 20 cts. ea.; \$2.00 per doz.

Coreopsis Grandiflora. Golden-yellow. Summer. 2 ft., 15 cts. each; \$1.50 per doz.

Delphinium Chinensis. Intense blue. Summer. 2 ft., 20 cts. each; \$2.00 per doz.

— *Formosum.* Blue, white center. Summer. 3 ft., 20 cts. each; \$2.00 per doz.

— *Hybridum.* Various shades of blue. Summer. 2 ft., 25 cts. each; \$2.50 per doz.

Dianthus Plumarius. (*Scotch Pink.*) Fragrant pink flowers. June. 1 ft., 20 cts. each; \$2.00 per doz.

Dicentra Spectabilis. (*Bleeding Heart.*) Pink. Spring. 2 ft., 20 cts. each; \$2.00 per doz.

Dictamnus Fraxinella. (*Gas Plant.*) Purplish-pink. May-June. 2 ft., 25 cts. each; \$2.50 per doz.

— *Alba.* A white form of the preceding. 25 cts. ea; \$2.50 per doz.

Eulalia Japonica Variegata. A stately grass with green and white leaves. 6 ft., 25 cts. each; \$2.50 per doz.

Gypsophila Acutifolia. Flowers pink tinted. Larger and later than *Paniculata.* 4 ft., 15 cts. each; \$1.50 doz.

— *Paniculata.* Small white flowers in great profusion. Summer. 2 ft., 15 cts. each; \$1.50 per doz.

Helianthus Autumnale Superbum. Bright yellow. August. 5 ft., 25 cts. each; \$2.50 per doz.

— *Bolanderii.* Bright yellow, dark brown center. June. 2-3 ft., 15 cts. each; \$1.50 per doz.

Helianthus Decapetalus. Bright yellow. Summer. 5 ft., 25 cts. each; \$2.50 per doz.

— *Giganteus.* Yellow flowers, long narrow foliage. 8-10 ft., 15 cts. each; \$1.50 per doz.

— *Mollis.* Yellow flowers, downy, silvery foliage. 3 ft., 15 cts. each; \$1.50 per doz.

See Special Offers on third page of cover.

HARDY HERBACEOUS PERENNIALS—Continued.

- Helianthus Multiflorus fl. pl.** (So called Hardy Dahlia.) Double Yellow. August to September. 3 ft., 15 cts. each; \$1.50 per doz.
- Heliopsis Pitcherii.** Golden-yellow. July to October. 6 ft., 20 cts. each; \$2.00 per doz.
- Hemerocallis Disticha Plena.** Double terra-cotta flowers. Summer. 3 ft., 30 cts. each; \$3.00 per doz.
- Dumortieri.** Orange. Summer. 2 ft., 30 cts. each; \$3.00 per doz.
- Graminifolia.** Yellow flowers. Grass-like foliage. Summer. 2 ft., 35 cts. each; \$3.50 per doz.
- Heuchera Sanguinea.** Bright red flowers. Handsome foliage. Summer. 1½ ft., 25 cts. each; \$2.50 per doz.
- Hibiscus Militaris.** Salmon-pink. 5 inches across. August to September. 2-3 ft., 20 cts. each; \$2.00 per doz.
- Moscheutos, Crimson Eye.** White, with crimson eye. August to September. 3-4 ft., 20 cts. each; \$2.00 per doz.
- Iberis Corraefolia** (Perennial Candytuft). Flowers white, foliage evergreen. May-June. 6-12 inches, 20 cts. each; \$2.00 per doz.
- Iris Germanica.** Named sorts. White, Purple, marbled, etc. June. 2 ft., 15 cts. each; \$1.50 per doz.
- Kämpferi.** (Japanese Iris). Named sorts. Beautiful colors. June to July. 2 ft., 35 cts. each; \$3.00 per doz.
- Mixed. 15 cts. each; \$1.50 per doz.
- Pumila.** White, blue, yellow. June to July. 6 inches, 20 cts. each; \$2.00 per doz.
- Mixed. 15 cts. each; \$1.50 per doz.
- Lathyrus Latifolius.** (Perennial Pea). Bright red. Summer. 5 ft., 25 cts. each; \$2.50 per doz.
- Albus.** White, otherwise like above. 30 cts. each; \$3.00 per doz.
- Lespedeza (Desmodium) Sieboldii.** (Bush Clover.) Rosy-purple, pea-shaped flowers. September. 3-4 ft., 20 cts. each; \$2.00 per doz.
- Liatris Pycnostacha.** Lavender-purple. Summer. 6 ft., 20 cts. each; \$2.00 per doz.
- Lupinus Polyphyllus.** Blue, pea-like flowers. 4 ft., 25 cts. each; \$2.50 per doz.
- Alba.** White, form of preceding. 25 cts. each; \$2.50 per doz.
- Lychnis Chalcedonica.** Brilliant scarlet. Summer. 2-3 ft., 20 cts. each; \$2.00 per doz.
- Diurna Rubra Plena.** Deep purplish-red. Summer. 2-3 ft., 35 cts. each; \$3.50 per doz.
- Flos-cuculi Semperflorens.** Delicate rose. Summer. 1½ ft., 25 cts. each; \$2.50 per doz.
- Lythrum Roseum Superbum.** Rosy-red. Summer. 2-3 ft., 20 cts. each; \$2.00 per doz.

- Monarda Didyma.** Brilliant scarlet. Foliage sweet-scented. Summer. 2-3 ft., 15 cts. each; \$1.50 per doz.
- Myosotis Palustris Semperflorens.** (Forget-me-not.) Light-blue. Summer. 15 cts. each; \$1.50 per doz.
- Oenothera Youngii.** Clear yellow. 2 inches in diameter. June to August. 2 ft., 25 cts. ea.; \$2.50 per doz.
- Papaver Orientale** (Oriental Poppy).
—Blush Queen. Pink, with purple blotches. 2 ft., 35 cts. each; \$3.50 per doz.
—Royal Scarlet. Scarlet. Small blotches. 2 ft., 35 cts. each; \$3.50 per doz.
- Phlox Subulata** (Moss Pink). Various colors. May. 6 inches, 10 cts. each; \$1.00 per doz.
- Suffruticosa.** In variety. Many colors. June to August. 1-2 ft., 25 cts. each; \$2.50 per doz.
- Decussata.** In variety. Many colors. Autumn blooming. 2-3 ft., 25 cts. each; \$2.50 per doz.
- Physostigia Virginiana Alba.** Spikes of tubular shaped, white flowers. August. 3-4 ft., 10 cts. each; \$1.00 per doz.
- Polemonium Richardsonii** (Jacob's Ladder). Sky-blue with golden anthers; sweet-scented. All Summer. 1½ ft., 25 cts. each; \$2.50 per doz.
- Primula Acaulis Hybrida** (English Primrose). Shades of white. Yellow and red. Spring. 1 ft., 25 cts. each; \$2.00 per doz.
- Elatior** (English Cowslip). Shades of white, yellow, red and brown. 1½ ft., 15 cts. each; \$1.50 per doz.
- Pyrethrum Roseum Hybridum.** Colors range white to dark crimson. Summer. 2 ft., 25 cts. each; \$2.50 per doz.
- Uliginosum.** Pure white. September. 4 ft., 25 cts. each; \$2.50 per doz.
- Rudbeckia Fulgida.** Orange-yellow, brown centre. August. 2-3 ft., 15 cts. each; \$1.50 per doz.
- Rudbeckia, Golden Glow.** Double golden-yellow. August to September. 5 ft., 15 cts. each; \$1.50 per doz.
- Sub-tomentosa.** Lemon flowers with black centres. Autumn. 6 ft., 15 cts. each; \$1.50 per doz.
- Scabiosa Caucasica.** Lilac-blue. Summer. 2 ft., 25 cts. each; \$2.50 per doz.
- Spiraea Palmata.** Crimson flower. Palm-like foliage. Summer. 3 ft., 20 cts. each; \$2.00 per doz.
- Filipendula Plena.** Fern-like foliage, creamy white flowers. 2 ft., 15 cts. each; \$1.50 per doz.
- Tritoma Maria Grandiflora.** Red and yellow. August to October. 3 ft., 20 cts. each; \$2.00 per doz.
- Veronica Longifolia Subsessilis.** Blue flowers. August to September. 3 ft., 25 cts. each; \$2.50 per doz.
- Yucca Filamentosa** (Adam's Needle). Early growth, drooping white flowers. 6 ft., 25 cts. each; \$2.00 per doz.

Pæonies.

These are peers of the rose in color and fragrance, besides being larger in size and more floriferous. They should be in every garden. When once established they require but little care and improve in size and quality year by year. They prefer a rich, well drained, sunny situation, where they can be well supplied with water during the early summer.

Double White. Double Crimson. Double Scarlet. Double Pink.
50 cts. each; \$5.00 per dozen.

Double mixed, our selection, 25 cts. each; \$2.75 per dozen.
Single mixed, exceedingly beautiful, both in flower and foliage.
The shades of color embraced are many and delicate, while the form and fragrance is delightful. 50 cts. each; \$5.00 per dozen.

Clematis.

Elegant, hardy free-flowering climbers.

- Paniculata.** The beautiful autumn flowering, hardy, fragrant white Clematis, now so popular. Plants 25 cts. to \$1.00 ea.; \$3.00 to \$10.00 doz.
- Miss Bateman.** White; chocolate-red anthers. 50 cts. to \$1.00 each.
- Flammula.** (European Sweet Clematis.) Flowers small, white and very fragrant, 25 cts. each.
- Gem.** Deep lavender, 7 inches in diameter. 75 cts. each.

See Special Offers on third page of cover.



Pæonies.

CLEMATIS—Continued.

- Henryi.** Immense, single, creamy white flowers. 75c. each.
Imperatrice Eugenie. Large, beautiful, pure white flowers. \$1.00 each.
Jackmanni. Large intense violet-purple flowers. 50 to 75 cts. each.

- Lawsoniana.** Large, rosy-purple, darker veins. 75 cts. each.
Mme. Edouard Andre. Bright crimson. \$1.00 each.
Virginiana. (Amer. White Clematis.) A profusion of white flowers in August. 15 cts. each.

HARDY CLIMBING PLANTS.

- Actinidia Polygama.** A strong, clean vine from Japan. 50 cts. each.
Akebia Quinata. Of rapid growth, with shining foliage and bluish clusters of fragrant flowers. 35 cts. each.
Ampelopsis Englemanni. A variety of the Virginia Creeper, with bright foliage; fine color in the autumn; the tendrils enable it to support itself like *A. Veitchii*. 25 and 35 cents each.
—Quinquefolia. (*Virginia Creeper*.) Well known climber; very vigorous. 25 cts. each.

**Wistaria.**

Ampelopsis Veitchii. (*Boston Ivy, Japanese Ivy*.) Well-known, particularly around Boston. It grows rapidly and clings to a wall or fence with the tenacity of ivy; the foliage is handsome in the summer, and changes to a crimson-scarlet in autumn. For the ornamentation of brick or stone structures, it can be especially recommended. 25 cents each; \$2.50 per doz.

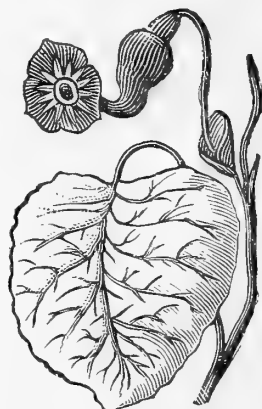
Aristolochia Sipho. (*Dutchman's Pipe*.) Rapid grower, magnificent foliage 10 to 12 inches across, and curious, piped shaped, yellowish-brown flowers. 50 cts. each; \$5.00 per doz.

Bignonia Radicans. (*Trumpet Vine*.) A quick growing vine, bearing large scarlet flowers, very brilliant. 35 cts. each.

Celastrus Scandens. (*Roxbury Wax Work*.) A vigorous vine with conspicuous orange-scarlet berries in autumn. 35 cts. each.

Euonymus Radicans. Var. Variegata. Retains its glossy green and bright foliage through the winter; nice plants, 35 cts. each.

Honeysuckle. Hall's Japan. Abundant, vigorous foliage retained until early winter, flower white and yellow, fragrant. 25 cts. each.

**Dutchman's Pipe.**

Honeysuckle, Scarlet. Strong, rapid grower, bright scarlet. 25 cts. each.

—Belgica. Dutch monthly, very sweet scented, red and buff. 35 cts. each.

—Chinese Twining. (*Lonicera Japonica*.) A well known vine, holding its foliage nearly all winter. Blooms in July and September. Sweetly scented. 50 cts. each; \$4.00 per doz.

Lycium Barbatum. (*Matrimony Vine*.) Useful for covering screens or ledges. A fast grower. 25 cts. each; \$2.75 per doz.

Wistaria Chinensis. One of the most elegant and rapid growing of all climbing plants, bearing long pendulous clusters of pale blue flowers in May and June. 50 cents each.

—Alba. White, otherwise similar to preceding. 75 cts. each.

RHODODENDRONS.

There are no evergreen shrubs more desirable than Rhododendrons. They are hardy, and grow to spread several feet in diameter, giving annually a large mass of showy flowers in many colors. The leaves remain green throughout the winter, making the plant attractive and showy. They do best in a partial shade, and when set, a good-sized hole should be dug and filled with leaf-mold from the woods, or pulverized muck. In fall, a mulch with leaves or stable manure will be found very beneficial.

\$1.50 to \$2.00 each; \$15.00 to \$18.00 per doz.

Album Elegans. Blush, changing to white; fine shape.

—Grandiflorum. White and blush; foliage fine.

Bicolor. Rose-pink; fine in bloom and foliage.

Blandyanum. Rosy crimson; excellent foliage; fine form and very abundant bloomer.

Candidum. A good blush.

Everestianum. Rosy lilac; spotted and fringed; an excellent bloomer; fine foliage.

Grandiflorum. Deep rose colored.

Roseum Pictum. Yellow, spotted rose.

—Elegans. Rose-colored flowers; an old and general favorite.

—Superbum. Clear rose color.

Purpureum Elegans. Very fine purple.

—Grandiflorum. Of excellent habit; color same as above.

HARDY FLOWERING SHRUBS.

The month after each sort indicates the time of flowering.

Almond (*Prunus Jap. Rubra fl. pl.*) Double pink flowers. 50 cts. May.

— (*Prunus Jap. Alba fl. pl.*) Double white flowers, beautiful. 50 cts. May.

Althæa Purpurea Plena (*Rose of Sharon*). *Hibiscus*. 35 and 50 cts. October.

—Striata. Carnation striped. 35 and 50 cts.

Althæa. Double variegated. 35 and 50 cts.

—Double white. 35 and 50 cts.

Azaleas. Ghent Hybrids, perfectly hardy, and of many brilliant colors. Fine plants, \$1.00; large sizes, \$2.00 and \$2.50. June.

—Mollis. A new type flowering earlier than the *Ghent*, and in color and form approaching the Indian varieties. 75 cts. to \$1.00.

Barberry (*Berberis Thunbergii*). A low growing shrub of arching habit; the foliage changes to many brilliant colors in the fall. 50 cts. each. June.

—Purple leaved. 35 and 50 cts.

**Weigelia.**

See Special Offers on third page of cover.

HARDY FLOWERING SHRUBS—Continued.

- Buttonbush** (*Cephalanthus Occidentalis*). Curious balls of blossoms all summer. 50 cts.
Catalpa Aurea. Golden foliage. 50 cts.
Calycanthus Floridus. Strawberry tree or sweet-scented shrub, dark flowers. 50 cts. each. June to September.
Chionanthus Virginicus (*Fringe Tree*). White. 50 cts. June.
Clethra Alnifolia. White, fragrant flowers, on spikes. 50 cts. July.
Cornus Florida (*Dogwood*). White. 50 cts. May.
 —**Rubra** (*Rose*). 50 cts. May.
 —**Sanguinea** (*Red Osier*). Bark deep red. 35 cts.
 —**Elegantissima**. Variegated foliage. The leaves are marked with silvery white. 50 cts.
Corchorus Japonica (*Kerria*). A small shrub with bright green leaves and clear yellow flowers. 25 and 50 cts. June and July.
Desmodium Penduliflorum (*Sweet Pea Shrub*). Red and violet pea-shaped flowers. 50 cts. Autumn.

**Deutzia Crenata.**

- Deutzia Gracilis**. Compact, filled with starry white flowers. 35 and 50 cts. June.
 —**Crenata fl. pl.** Flowers double white, tinged with rose. 35 and 50 cts. June.
 —**Alba fl. pl.** With very double pure white flowers. 35 and 50 cts. June.
 —**Pride of Rochester**. A decided improvement on the *Crenata*; profuse bloomer. 50 cts.
Elder, Golden (*Sambucus aurea*). Very effective for its bright yellow foliage. 15 and 35 cts.
Eleagnus Longipes. A new fruit-bearing ornamental shrub from Japan. A decided novelty. 75 cts. July.
Euonymus Atropurpureus (*Burning Bush*). Purple. 50 cts. June.
Exochorda Grandiflora. A choice shrub of strong, upright growth, producing a profusion of large snowy-white flowers in June. 50 and 75 cts. May.
Forsythia Suspensa. Trained as a standard, it becomes one of the most beautiful weeping shrubs, covered with bright golden-yellow blossoms, early in summer, Dwarfs, 35 and 50 cts. April.
Genista Tinctoria (*Dyer's Broom*). Covers the ground with a carpet of golden-yellow blossoms in June. 25 cts.
Hydrangea Paniculata Grandiflora. Flowers white in great pyramidal panicles, about a foot long. 50–75 cts. and \$1.00. August to October.
Kalmia Latifolia. A choice native evergreen shrub with shining foliage and dense clusters of pink or nearly white flowers. \$1.00 to \$1.50. June.
Lilac (*Syringa*). Bluish-purple flowers. 35 and 50 cts. May.
 —(*S. Alba*). Pure white. 50 cts. May.
Lonicera Tartarica (*Bush Honeysuckle*). Pink, sweet-scented. 35 cts. May.
Mock Orange or Syringa (*Philadelphus*). Of compact habit, with creamy white flowers, deliciously fragrant. 35 and 50 cts. June.
Mahonia Aquifolia. A handsome shrub with shining prickly leaves, and showy, bright yellow flowers in May, followed by large clusters of purple berries. 35 cts. May.
Pyrus Japonica (*Cydonia*). Japan Quince, flowers bright scarlet, very showy. 25 and 50 cts. May.
Rhus Cotinus. The well-known smoke bush. 3 ft., 50 cts.; 5 ft., \$1.00. June.
 —**Glabra Var. Laciniata** (*Cut-leaved Sumach*). The leaves are deeply cut like those of a *Sword Fern*, beautiful red in autumn. 75 cts.
Snowball (*Viburnum Plicatum*). A great improvement on the old-fashioned sort, with dark green foliage, and superb trusses of white flowers in midsummer. 50 and 75 cts. June.
Spiræa Aurea. Frequent pinching produces a deep golden-yellow color. 35 and 50 cts.
 —**Anthony Waterer**. One foot high. Crimson. 50 cts. June to October.
 —**Thunbergii**. Dwarf, flowers early, very pretty. 35 and 50 cts. April to May.
 —**Van Houttei**. The most profuse flowering of all the *Spiræas*, the bush being a mass of white bloom. 35 and 50 cts. June.
Weigelia Rosea. Well known, very free flowering. 35 and 50 cts. May to June.
 —**Variegata**. Fine variegated foliage, rosy-pink flowers. 50 cts. June.
 —**Lutea**. Yellow. 50 cts.

EVERGREENS.

- Arbor Vitæ** (*Thuja Occidentalis*). Common American form. 2 ft., 25c.; 3 ft., 50c. and \$1.00.
Biota Orientalis (*Eastern Cedar*). Close, pyramidal growth, deep green. 50 cts. and \$1.00.
Fir Balsam (*Abies Balsamea*). Erect, regular pyramidal tree, rapid grower, very hardy. 50 cts. to \$1.00.
 —**Douglas**. Hardy and very ornamental. 3 to 4 ft., \$1.00 each.
 —**Nordmann's**. Dark, rich green foliage, silvery underneath. 1½ ft., \$2.00 each; 3 ft., \$5.00 each.
Juniper Virginiana (*Red Cedar*). Native variety. 3 ft., 50 cts.; 5 ft., \$1.00.
 —**Hibernica** (*Irish Juniper*). Of erect, tapering growth, beautiful and hardy. 75 cts. and \$1.00.
 —**Sabina**. Trailing habit, fine for massing. 50 and 75 cts.

**White Spruce.**

See Special Offers on third page of cover.

EVERGREENS—Continued.

- Pine, Swiss Stone** (*P. Cembra*). Short needles, compact growth, very attractive. 2 ft., \$1.00; 3 to 4 ft., \$2.50.
—Austrian. Stout growth, long needles, perfectly hardy in bleakest exposure. 1 ft., 35 cts.; 2 ft., 75 cts. each.
—White (*P. Strobus*). The most ornamental of all our native pines. 2 ft., 50 cts.; 5 to 6 ft., \$1.00 each.
Retinospora Plumosa. Very hardy, with plume-like foliage. 2 ft., 50 cts.; 3 to 4 ft., \$1.00.
—var. Aurea. Of bright golden color. 2 ft., \$1.00.
—Squarrosa. Graceful, drooping plume-like, glaucous green foliage. 75 cts. and \$1.00.
Spruce, White (*Picea Alba*). Very hardy native tree. 2 ft., 50 cts.; 3 ft., \$1.00.
—Colorado, Blue (*P. Pungens*). Perfectly hardy, pyramidal, foliage dark steel-blue. 1 to 2 ft., \$2.50; 2 to 3 ft., \$5.00.
—Norway (*Abies Excelsa*). An elegant tree, hardy, lofty, rapid growth, and pyramidal form. 2 ft., 50 cts.; 4 ft., \$1.00.
—Hemlock (*Abies Canadensis*). Of good shape and habit. 2 ft., 75 cts.; 4 ft., \$1.00.

SHADE AND ORNAMENTAL TREES.

- Apple, Japan Crab** (*Malus Halleana*). Also sold under the name of Parkman's Crab, a beautiful variety producing long, pink flower-buds, quite conspicuous. 50 cts. and \$1.00.
—Floribunda. Single, carmine in bud, white when open. 50 and 75 cts.
Ash, American White (*Fraxinus Alba*). A large, noble tree. 9 ft., 75 cts.; 10 ft., \$1.00.
—Weeping (*F. Pendula*). A beautiful tree of irregular form. 6 to 7 ft., \$1.00.
—Mountain (*Sorbus Aucuparia Pendula*). Very ornamental, bearing large clusters of shining red berries. 6 to 7 ft., 75 cts.; 9 ft., \$1.00.
Beech, American (*Fagus Ferruginea*). Compact form, rich, glossy, attractive foliage. 3 to 5 ft., 50 cts.; 5 to 7 ft., \$1.00.
—Rivers Purple (*F. Atropurpurea*). Finest of all purple-leaved trees, beautiful as single specimens. 3 ft., \$1.50.
—Cut Leaved (*F. Incisa*). Distinct and fine. 3 ft., \$1.00.
—Weeping (*F. Pendula*). A remarkable picturesque tree of curious growth. 4 ft., \$1.50.
Birch, European White (*Betula Alba*). A graceful tree with silvery bark, slender branches, elegant drooping habit. 4 to 5 ft., 50 cts.; 7 to 8 ft., 75 cts.
—Canoe (*B. Papyracea*). A native variety which attains great size. 5 ft., 75 cts.; 8 ft., \$1.00.
—Cut Leaved, Weeping (*B. Pendula Laciniata*). One of the most popular weeping trees, most beautiful as specimens on the lawn. 5 to 6 ft., \$1.00; 8 to 10 ft. specimens, \$2.00.
Catalpa Speciosa. A Western type, very desirable, being more hardy and finer in bloom than the common variety. 6 to 7 ft., 75 cts.
Chestnut, American (*Castanea Americana*). A tree of stately growth. 4 to 5 ft., 50 cts.; 8 ft., \$1.00.
—Horse (*Aesculus Hippocastum*). Strong habit, magnificent foliage, and fine spikes of flowers in May and June. 4 to 5 ft., \$1.00; 6 ft., \$1.50.
Elm, American (*Ulmus Americana*). The noble spreading and drooping tree of our own forests. 10 ft., \$1.25; 12 ft., \$1.75.
—English (*U. Campestris*). An erect, lofty tree of rapid, compact growth. 8 to 10 ft., \$1.00.
Gymnocladus Canadensis (*Kentucky Coffee Tree*). Large pinnate leaves, green flowers in June, followed by large pods. Does well in wet places. \$1.00 and \$1.50.
Hawthorn, Double White (*Crataegus Alba, fl. pl.*). Ornamental flowers and foliage. 5 ft., \$1.50.
—Paul's Scarlet (*C. Coccinea fl. pl. Paulii*). Flowers bright carmine red, makes a striking contrast when planted with the white. 5 ft., \$1.50.
Laburnum, Golden (*Cytissus*). A small tree producing freely long clusters of the brightest golden-yellow blossoms of sweet-pea size and shape. 4 ft., 50 cts.; 5 to 6 ft., \$1.00.
Larch, European (*Larix Europæa*). An elegant rapid-growing pyramidal tree. 4 to 6 ft., 75 cts.
Linden, American, or Basswood (*Tilia Americana*). A beautiful, rapid growing native tree with large leaves and fragrant flowers. 8 ft., 75 cts.; 10 ft., \$1.00.
—European (*T. Europæa*). Pyramidal tree of larger size. 7-8 feet, 75 cents; 8-10 feet, \$1.00.
Maple, Cut-Leaved Weeping (*Acer Wierii laciniatum*). A weeping silver-leaved variety with deeply cut foliage. 8 feet, \$1.00.
—Japan (*Atrosanguineum purpureum*). This is the richest crimson and the most brilliant, vigorous, and the best type of the Japanese varieties. \$2.00 each.
—Japonicum aureum (*Golden-leaved Japan Maple*). \$1.50.
—White or Silver-Leaved (*A. Dasycarpum*). A native variety of rapid growth, very beautiful. 8-10 feet, 75 cents; 10-12 feet, \$1.00.
—Norway (*A. plantanoides*). Of sprawling habit, foliage dark green. 7-8 feet, 75 cents; 9 feet, 75 cents; 10-12 feet, \$1.00.
—Sugar (*Acer saccharinum*). One of the best street trees. 8 feet, 75 cents; 10-12 feet, \$1.00.
Magnolia Acuminata (*Cucumber M.*). Of pyramidal growth, flowers yellow, tinted with bluish purple. Fine specimens. 5 feet, 75 cents.
—Conspicua (*Chinese White*). A variety of great beauty; the flowers are large, pure white, and appear before the leaves. 2-3 feet, \$1.75.
—Soulangeana. Flowers white and purple, cup-shaped; foliage large and glossy. Fine specimens. 2-3 feet, \$2.00; 3-4 feet, \$2.50; 5-6, \$5.00.
Mulberry, Downing's Everbearing (*Morus*). A rapid growing tree which bears nice fruit. 4-5 ft., 50 cents.
—Teas, Weeping. Absolutely hardy and free from disease, very vigorous in growth. 2 years old, \$1.50.
Oak, White (*Quercus alba*). One of the finest of American trees, of large size and spreading branches. \$1.00.
—Red (*Q. rubra*). Native species of rapid growth. \$1.00 each.
Poplar Bolleana (*Populus*). Pyramidal growth. 8-10 feet, \$1.00.
—Carolina. Pyramidal form, rapid grower, suitable for park or street planting. 50 cents and \$1.00.
—Lombard (*P. fastigiata*). Well known and remarkable for its erect rapid growth. 6-8 feet, 50 cents; 8-10 feet, 75 cents.
Prunus Pissardi. One of the best novelties of late years. The wood and leaves are dark purple throughout the entire season. 4-5 feet, 75 cents. 8-10 feet, \$1.50.
Syringa Japonica (*Giant tree lilac*). It makes a stout tree with large rich foliage, and throws up well above the leaves large clusters of white flowers about a foot long. 2-3 feet, 75 cents.
Tulip Tree (*Liriodendron tulipifera*). Fiddle-shaped leaves and tulip-like flowers. 75 cents and \$1.00.
Willow, Kilmarnock (*Salix Caprea Pendula*). An exceedingly graceful tree with glossy foliage and perfect umbrella head. \$1.00.
—Golden Barked (*S. aurea*). Rapid grower. Golden bark in winter. Valuable for seashore. 4-5 feet, 50 cents; 6-8 feet, \$1.00.
—(S. Babylonica). Great Weeping Willow. An immense and beautiful tree with bright green foliage and pendant branches. 6-8 feet, 50 cents.

See Special Offers on third page of cover.

HEDGE PLANTS.

	100	1,000
<i>Honey Locust.</i> 2 years old	\$3.00	\$20.00
<i>Norway Spruce.</i> 3 feet.....	25.00	200.00
" " 2 feet.....	15.00	120.00
<i>Arborvitæ, American.</i> 4 feet.....	18.00	150.00
" " 3 feet.....	12.00	100.00
" " 2 feet.....	10.00	80.00
" " 18 inches.....	7.00	60.00
<i>Hemlock.</i> 2 to 3 feet.....	25.00	200.00
" 1 to 2 feet.....	20.00	175.00

	100	1,000
<i>Japan Quince.</i> 18 to 24 inches.....	\$12.00	\$100.00
<i>Purple Barberry.</i> 12 to 18 inches	12.00	100.00
<i>California Privet.</i> 2 feet.....	10.00	80.00
" " 18 to 24 inches.....	8.00	60.00
<i>Althæas</i> , solid or mixed colors. 20 to 30 inches...	\$25.00	
" variegated leaves. 20 to 30 inches.....	25.00	
<i>Berberis Thunbergii.</i> 18 to 24 inches.....	20.00	
<i>Dwarf Box.</i> For edging.....per yard, 30 cts...		

FRUIT TREES—Apples.**Summer.**

Astrachan. Large, crimson, very early.
Early Harvest. Pale yellow, excellent, early.
Golden Sweet. Large, pale yellow, sweet.
Williams. Dark red, mild flavor.

Autumn.

Walter Pease. Larger, better flavored, more productive and longer keeper than the *Gravenstein*. Highest quality, \$1.00 each.
Gravenstein. Large yellow, striped red.
Fameuse (Snow Apple). Crimson, flesh white, excellent.
Porter. Medium, bright yellow, good.

Prices, 35, 50 and 75 cts. according to size, except as noted. Extra large trees, \$1.00 upwards.

Crab-Apples.

Hyslop. October to January; deep crimson,
Transcendent. September, October; useful alike for preserving, pies, sauces and cider.

Pippin. Fall, yellowish-green, very fine.
Sops of Wine. Medium, red, flesh, white, mild.

Winter.

Baldwin. Large, dark red, productive, medium.
Hunt's Russet. Late yellow, good flavor.
Hubbardston. Large, yellow, splashed red, early.
King. Large, striped red, excellent.
Lady. Small, yellow and red, good.
Northern Spy. Large, striped red, good keeper.
Rhode Island Greening. Large, yellowish-green medium.
Roxbury Russet. Extra quality, largest of the russets.
Tolman's Sweet. Medium, light yellow, excellent.
Jacob's Sweet. Best late-keeping sweet, splendid quality.

Pears.

Summer. *Clapp.* Very productive; large, juicy.
Bartlett. Large, clear, yellow, juicy; late.
Giffard. Medium; greenish yellow, juicy.
Wilder. Ripens beginning August.
Autumn. *Beurre Hardy.* October. Greenish russet.
Belle Lucrative. September; yellowish-green, melting.
Bosc. October; large, russet, buttery.
Buffum. September; good for preserving.
Duchesse d'Angouleme. October; large, greenish.

Yellow Siberian. Nov., Dec.; large, golden yellow.
 Price, 35 cts., 50 cts. and 75 cts., according to size.

Louise Bonne. October, pale yellowish and red.
Seckel. September; small, dull brown, red-cheeked.
Sheldon. November; large, russet brown.
Vermont Beauty. October; yellow with carmine cheek.
Winter. *Anjou.* Nov.-Jan.; gr. yellow, red cheek.
Dana's Hovey. November; small, rusty yellow.
Lawrence. January, medium, pale yellow.
Nellis. January, medium, of excellent quality.
Vicar. December; yellowish green; cooking.

Price: Standards, 5-6 ft., 75 cts. Larger or selected specimens, \$1.00 to \$2.00.

Apricots.

Early Golden. Small; flesh orange, juicy and sweet. Tree hardy. July.
Moorpark. One of the largest; orange, with red cheek; firm, juicy. August.
Harris. Perfectly hardy; very productive. Fruit large, rich golden yellow, July.
Alexander. Tree hardy; fruit large, yellow, flecked with red, delicious. July.
Alexis. Tree hardy; fruit yellow, with red cheek; very large; slightly acid.
J. L. Budd. Hardy; large, white, with red cheek; sweet, juicy. August.

Price, $\frac{3}{4}$ ft., 50 cents each; set of 6, \$2.50.

Peaches.

Early Canada. July; good size, form, quality and very hardy, freestone.
Alexander. July; medium, melting and juicy.
Alberta. Late July; flesh yellow. Very juicy.
Crosby. (Ironclad.) September; medium, sweet, firm, most desirable.
Coolidge's Favorite. Aug.; medium, juicy, rich, freestone.
Mountain Rose. September; large white and red, melting, good.

Crawford's Early. September; large yellow, juicy, freestone.
Foster. September; similar to preceding, but of better quality.
Old Mixon. September; large, white and red, juicy and rich.
Crawford's Late. Very large, juicy, good, freestone.
Late Rare Ripe. September; large, white, very good.
Stump the World. September; medium, red and white

Price, 4 to 6 feet, 25 cents; selected trees, 50 cents.

Cherries.

Coe's Transparent. June; medium, pale amber and red.
Black Tartarian. June; large, purplish black.
Black Eagle. July; large, tender, rich, juicy.
Downer's Red. July; light red, tender and juicy.

May Duke. June; large, dark red, tender sub-acid.
Late Duke. July; large, dark red, sub acid.
Yellow Spanish. Late June; pale yellow, red cheek.
 Price, 75 cents and \$1.00 each.

See Special Offers on third page of cover.

Plums.**European.****Bradshaw.** August; large, purple, sweet.**Coe's Golden.** September; large, light yellow, firm, rich and sweet.**Green Gage** Sept.; large, greenish yellow, very fine.**Imperial Gage.** August; large, greenish, juicy and rich**Jefferson.** August; large, yellow and red, high flavor.**Lombard.** September; medium, violet, red, juicy.**Washington.** August; large and fine.**Japanese.****Abundance.** Early; fruit amber turning to cherry, flesh yellow, juicy, tender and sweet.**Burbank.** September; bright red, flesh yellow and sweet.**October Purple.** September; rich maroon, large, fine flavor, small stone.**Satsuma.** September; purplish red, flesh dark red, juicy and of fine quality.

Price, 75 cents and \$1.00 each.

Gooseberries.**Crown Bob.** Very large, red. 20 cts. each; \$2.00 doz.**Red Jacket.** The best red, free from mildew. 30 cts. each; \$3.00 per doz.**Pearl.** The most prolific, free from mildew, green. 25 cts. each; \$2.25 per doz.**Smith's Improved.** Large, light green. 20 cts. each; \$1.50 per doz.**Industry.** Very large, dark cherry red. 20 cts. each; \$2.00 per doz.**Downing.** 20 cts. each; \$1.50 per doz.**Raspberries.****Cuthbert.** Red, firm and superior quality.**Columbian.** Very large, a fine keeper. \$2.00 per doz.; \$10.00 per 100.**Golden Queen.** Productive and of superior quality, golden yellow.**Cumberland.** One of the finest, large and productive.**Gregg.** Good size, productive and hardy.**Souhegan.** Recommended as a market sort, hardy.

\$1.00 per doz.; \$5.00 per 100, except as noted.

Blackberries.**Agawam.** The earliest, flavor like the wild berry.**Early Harvest.** Extra early, productive.**Snyder.** Best quality, very sweet. \$1.00 doz.; \$6.00 100.**Wachusett.** Hardy, good size and quality.**Lucretia Dewberry.** A trailing variety of immense size, sweet and luscious.**Wilson's Early.** Large and sweet.**Taylor's Prolific.** Extremely hardy, large, prolific.

\$1.00 per doz.; \$5.00 per 100, except as noted.

Currants.**Black Naples.** Fine for wine and jelly. \$1.00 per doz.; \$5.00 per 100.**Cherry.** Large, red, juicy and acid. \$1.00 per doz.; \$5.00 per 100.**Fay.** Like cherry, but more prolific. \$2.00 per doz.**La Versailles.** Very large, red. \$1.00 per doz.; \$7.00 per 100.**Smith's Yellow-Black.** Similar to Black Naples in habit, size and flavor, but the fruit is yellow and sweeter. 30 cts. each; \$3.00 per doz.**Strawberries.***For Garden Culture*, set plants one foot apart in the row, and the rows two feet apart, keep the runners cut off.

The varieties marked "P" are pistillate and must have a row of staminate, or perfect-flowered varieties, planted say every ten feet among them.

Talbot (P). Roundish conical form, bright red color, of delicious flavor. \$1.50 per 100.**Marshall.** The fruit is very large, deep crimson color, and of extra quality. Late.**Clyde.** Large, roundish conical form, bright scarlet, good quality. Season medium.**Gladstone.** As large as Sharpless, quality very good. Early.**Belmont.** A general favorite for market and home use. Large, crimson fruit. Late.**Nick Ohmer.** Large, conical dark red fruit of excellent flavor. Season medium.

25 cts. per doz.; 75 cts. per 100, except as noted.

Rio. A large crimson productive sort, good quality. Early.**Haverland (P).** A fine berry, color light red. Large, and of good quality. Early.**St. Joseph Everbearing.** Bears abundantly throughout the season. The berries are of medium size, bright red color, and sweet aromatic flavor. \$1.50 per 100.**Gandy.** Large, late, ten days after Belmont. Crimson.**Glen Mary.** A desirable main crop sort.**Bubach No. 5 (P).** Prolific and of good quality. Late. Scarlet.**Brandywine.** Hardy, good quality. Medium.**Enormous (P).** Large, late crimson variety.

Pot Grown Plants ready in August, \$2.50 per 100.

HARDY GRAPES.**Concord.** A large, handsome, popular grape. September.**Eaton.** Large in berry and bunch, sweet and juicy. Sept.**Moore's Early.** Large, reliable. August.**Wilder.** (Roger's No. 4.) Sweet and solid. September.**Agawam.** (Roger's No. 15.) Dark red, tender, juicy. Sept.**Green Mountain.** Desirable in every way, very early. 50 cents.**Moore's Diamond.** As early as Concord, large, fine flavored. 50 cents.**Niagara.** As good as any, early and hardy.**Brighton.** Flesh rich, sweet and best quality. Sept.**Delaware.** Small in berry and bunch, flesh very juicy, September.**Salem.** (Roger's No. 22.) Very rich flavor, large. Sept.

{	Good plants, 30 cts. each; \$3.00
	doz. Strong plants, 50 cts. each;
	\$5.00 doz., except as noted.

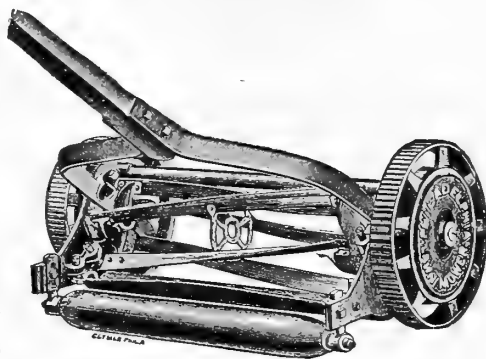
See Special Offers on third page of cover.

IMPLEMENTS, SUNDRIES, ETC.

Under the above heading are classed all tools, implements, etc., used on the Golf Links, Lawns, Farm and Garden and in the Household which are offered for sale in a modern Seed Store and Agricultural Warehouse. Our long experience covering more than three-quarters of a century, and the desire of keeping abreast with the present time, enable us to offer the public the finest selection of such goods to be found in this country. Our principles, "Honesty, Fair Dealing and Square Business Methods," ensure satisfactory results to our customers. If the articles wanted are not found in the following pages, which cover only a limited portion of our stock, send for our large catalogue of Agricultural Hardware, Implements, Machines and Wooden Ware. (Page 7 of this Catalogue tells you what it is and how to obtain it.)

Genuine Philadelphia Lawn Mowers for 1904. Hand Machines.

Although imitated by nearly every manufacturer of lawn mowers, the "Genuine Philadelphia" retains its old place: superior to all others. Imitation of a machine is a sure indication of its merit, for no manufacturer would undertake to imitate an inferior article. The following styles are especially recommended: Styles



T. and K. are old favorites, always giving satisfaction. Style M. for hard service in parks, etc., is unequalled. For cutting high grass as well as low grass, use Style K. As its name indicates, "Style Golf" is for Golf Greens, where it is necessary to cut the grass very short.

		Width 10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	15 in.	17 in.	19 in.	21 in.
Style K	Mfrs. prices			\$20.00	\$22.00	\$24.00	\$26.00				
	Our net prices			7.25	7.75	8.50	9.25				
" T	Mfrs. prices		\$16.00	17.00	19.00	21.00	23.00				
	Our net prices		5.75	6.00	6.75	7.50	8.25				
" M	Mfrs. prices	\$13.00	15.00	17.00	19.00	21.00	23.00				
	Our net prices	4.75	5.50	6.00	6.75	7.50	8.25				
" Golf	Mfrs. prices							\$25.00	\$28.00	\$31.00	\$34.00
	Our net prices							13.00	14.50	16.00	17.50

The "Cricket" Lawn Mowers.

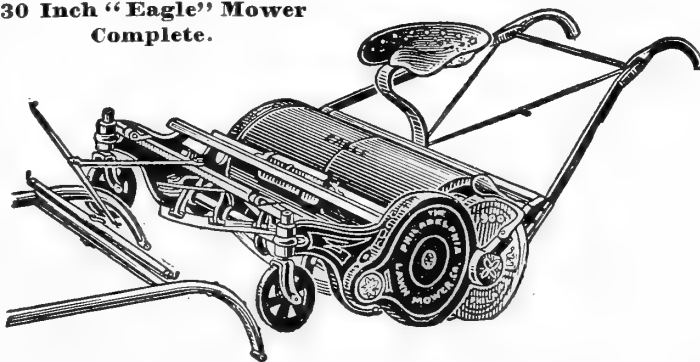
Although these machines are sold at very low prices, they are not to be compared with the worthless mowers offered by the Department Stores. They are made for us by the Philadelphia Lawn Mower Co., and we claim the "Crickets" are the best low price Lawn Mowers ever offered. Extra parts for these mowers carried in stock.

3 Blade Wiper, 7 1/2 in. Wheel.				4 Blade Wiper, 10 in. Wheel.			
Our net price,	Size 14 in.	16 in.	18 in.	Our net price,	Size 14 in.	16 in.	18 in.
\$3.00	\$3.25	\$3.50	\$4.25	\$4.25	\$4.50	\$5.00	

Not included in our special offers.

Horse Machines.

30 Inch "Eagle" Mower Complete.



Lawn Mowers of all Kinds Properly Repaired. Send Machines to us early and avoid the rush.

In addition to the machines shown in this catalogue we carry in stock all the other mowers made by the Philadelphia Lawn Mower Co., and can furnish same at the lowest cash prices.

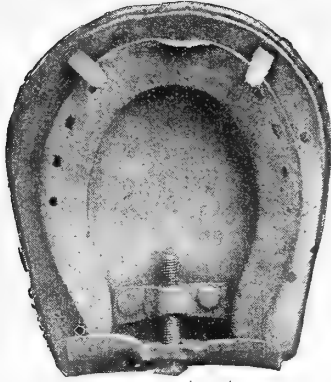
Complete descriptive catalogue mailed on application.

	Manufacturers' prices.	Jos. Breck & Sons' Net cash prices.		Manufacturers' prices.	Jos. Breck & Sons' Net cash prices.
Eagle 30 in. Complete	\$100.00	\$80.00	Philadelphia 30 in. Complete	\$120.00	\$90.00
" 35 " "	125.00	100.00	" 35 " "	140.00	105.00
" 40 " "	150.00	120.00	Suitable for Private Lawns, Parks, etc.		
" 42 " "	175.00	140.00	Philadelphia 36 in. Complete	\$160.00	125.00
Especially recommended for Golf Grounds.			Adapted to Large Parks, Public Grounds, etc.		
Philadelphia Horse Lawn Sweepers,			Mfrs. price, \$70.00		
			Our net price, \$60.00		

BALL-BEARING LAWN MOWERS, "BEST QUALITY ONLY," Catalogue and Prices on Application.

See Special Offers on third page of cover.

Baker's Horse Lawn Shoe.



Baker's Horse Lawn Shoe is one of the best, cheapest and most durable Horse Lawn Shoes in use.

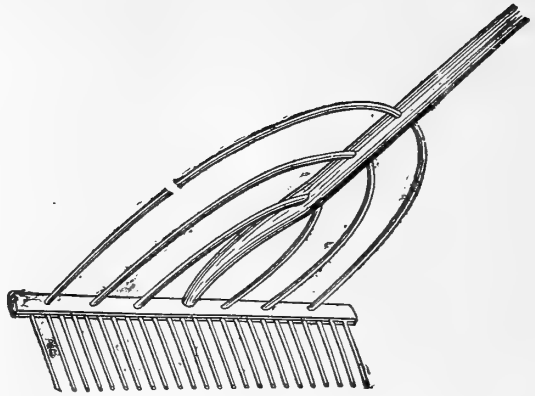
Mr. John Baker, Supt. of Essex Country Club, the inventor of this shoe, says: "I feel assured that all who have the care of lawns or golf links will appreciate them as much as I do. In fact, they are just what is wanted in every way.

"It would be better to have the horse shod without corks, or have the corks flattened so that the adjustable clamp will fit over the heel of the shoe."

When ordering always give pencil diagram of horses' feet to ensure a perfect fit.

Our net price with leather taps, per set . . . \$8.00
" " " without " " " . . . 6.00

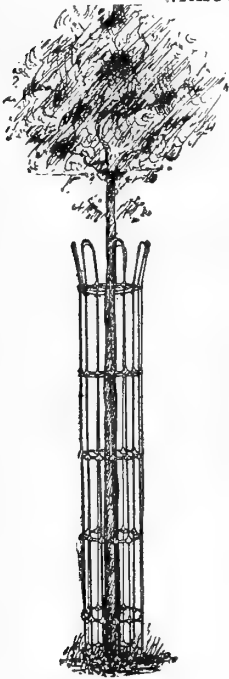
Lawn Rakes.



Wire Lawn Rakes, our net price . . . \$0.50
Cannot injure the lawn. Very effective.
Wood Lawn Rakes, our net price50
Hand made. Extra quality.

"Anchor" Flower Bed, Lawn and Tree Guards.

These guards fill a long-felt want and are far superior to the makeshifts generally used. They are entirely constructed of Nos. 8 and 9 Galvanized Steel Wire. The Horizontal Wires being absolutely locked to the Upright Wires by our patented Anchor Clamp make the joints "rivet tight." They cannot slip. Anyone can put the "ANCHOR" in place, and when in place it is a GUARD.

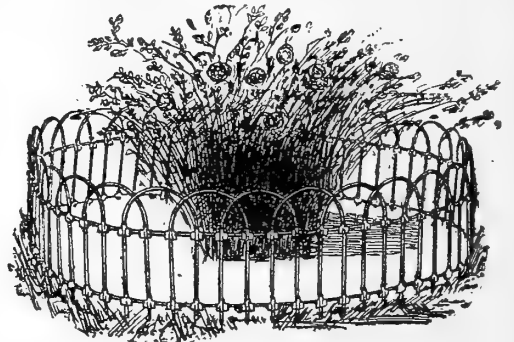


**Price List
Flower Bed and Lawn Guards.**

16 inches high, our net price per foot . . \$0.15
22 " " " " " " " . . .20

Tree Guards.

8-inch diameter, our net price each . . \$1.00
10-inch " " " " " " . . 1.20



Estimates on Anchor, Field and Lawn Fence furnished on application.

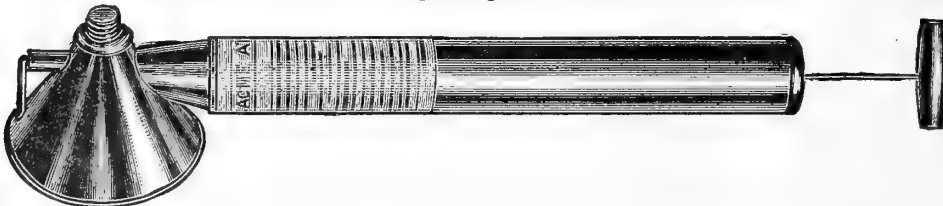
Cut Grass Collector.

For collecting cut grass. Can be attached to any mower having wood roller Hanger Bolts.

		10 in.	12 in.	14 in.	16 in.	18 in.	20 in.
Low Wheel Mowers.	Our net price, each,	\$1.40	\$1.50	\$1.60	\$1.70	\$1.80	\$1.90
High " " " " " "				\$1.70	\$1.80	\$1.90	\$2.00



Acme Sprayer.



Invaluable for spraying all kinds of insecticides in a liquid or dry powder form, and for spraying cattle with kerosene.

They are especially adapted to the use of poultrymen and florists and can be used by all to advantage around the house and place. The brass sprayer is not affected by acids, and is practically indestructible.

All Brass sprayers Our net price, each, \$1.00
" Tin " " " .50

See Special Offers on third page of cover.



“Boss” Cast Iron Garden and Lawn Rollers.

The benefit derived from the use of a Roller on the lawn, especially in the spring, is not fully understood. The action of freezing and thawing causes the ground to heave, and if the sod is not firmly pressed back with a Roller before the hot weather begins, the grass is apt to be killed or injured, leaving the lawn full of bare spots.

The "Boss" Roller is a strictly high grade Roller at a moderate cost. This Roller is turned perfectly smooth on the outer surface, has bevelled edges, turned steel axles and is in fact far superior to any other we have seen.

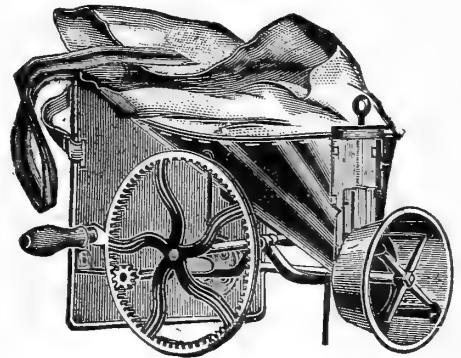
No.	1, 15 in.	x 15 in.,	2 sections,	7 ½ in.	face,	150 lbs.		Mfrs. price.	Our net price.
"	2, 15 "	22 "	3 "	7 ½ "	200 "	.	.	\$9.50	\$8.50
"	4, 20 "	20 "	2 "	10 "	250 "	.	.	12.50	11.25
"	5, 20 "	20 "	1 "	20 "	250 "	.	.	15.50	14.00
"	6, 20 "	24 "	3 "	8 "	300 "	.	.	15.50	14.00
"	II, 24 "	24 "	3 "	8 "	450 "	.	.	18.50	16.50
						.	.	27.50	25.00

"Boss" Lawn Roller, with Weight Box.

No. 25, 24 in. diam., 30 in. length, 3 sections, 10 in. face, weight 550 lbs.	\$37.75	\$34.00
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Cahoon's Broadcast Seed Sower.

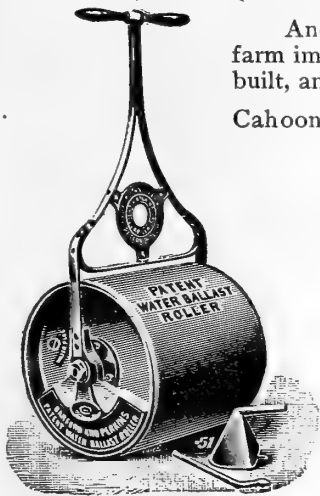
The acknowledged superiority of these machines over all others has already placed them in the front rank of labor-saving agricultural implements. A saving of four-fifths of the labor and one-third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success.



THEY ARE WARRANTED TO GIVE PERFECT SATISFACTION

And to save their cost in less time than any other farm implement yet introduced. They are substantially built, and with ordinary care will last many years.

Cahoon Broadcast Seed Sower	\$4.50
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English Water Ballast Rollers.

For keeping golf greens, lawns and tennis courts in perfect order these Rollers are invaluable, and have been adopted by the English clubs in preference to all others. When the ground is soft they may be used empty and in dry weather, when all others are useless, they can be filled with water and worked to advantage.

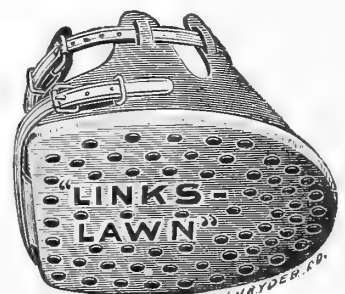
An *ordinary* 21-in. Garden Roller weighs about 300 pounds, whereas the 21-in. Patent Water Ballast Roller, when *loaded*, weighs 600 pounds, and other sizes in proportion. The latter therefore is not only vastly more *effective*, but in reality *cheaper* than any other kind, and the advantage of having in one Roller either a heavy or light implement at pleasure must be obvious to every one.

	Weight empty.	Weight filled.	Mfrs. price.	Our net price.
One section, 21 x 21 in.	392 lbs.	588 lbs.	\$38.00	\$33.00
" 22½ x 22½ "	448 "	700 "	43.00	38.00

Horse Lawn Boots.

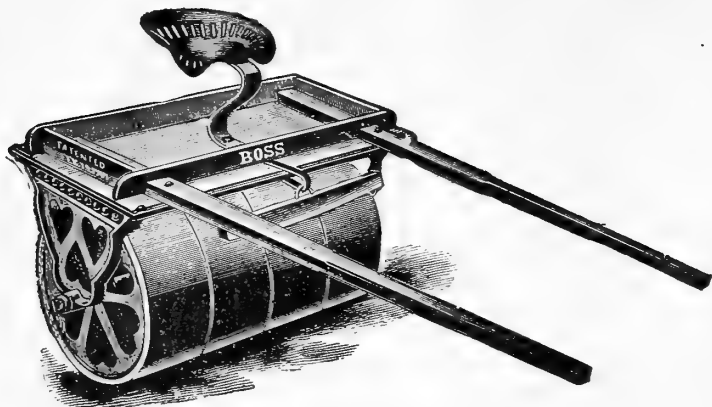
For Lawn or Golf work, Horse Boots are indispensable for use in connection with Mower or Roller. They prevent the horse sinking in damp or soft places and do not cut or tear up the turf. The following patterns are the ones in general use; each having been adopted for some particular merit of its own. All are made from carefully selected material, are very durable and easily adjusted. If your lawn looks bad after mowing, a set of lawn boots will probably remedy the trouble.

Breck's Golf Pattern, per set	. .	Our net price, \$8.00
Links Lawn " "	. .	" " " 8.00



See Special Offers on third page of cover.

"Boss" Golf Lawn and Field Rollers.



The "Boss" Rollers are especially adapted for use on Golf Links, extensive lawns and anywhere a heavy roller is desirable. All edges bevelled.

The "Boss" is the lightest draft Roller on the market. Pulls direct from the axle. Is perfectly balanced. No weight on the team. Is substantially made.

One Horse Golf and Lawn Rollers

No.	Diam.	Length	Sections	Face	Lbs.	Mfrs. prices	Our net price
40	24 in.	30 in.	3	10 in.	650	\$58.00	\$52.00
41	24 "	40 "	4	10 "	800	68.00	61.00
42	24 "	50 "	5	10 "	950	78.00	70.00

Two Horse Field Rollers

No.	Diam.	Length	Sections	Face	Lbs.	Mfrs. prices	Our net price
72	24 in.	5 feet	5	12 in.	1,450	\$89.00	\$80.00
76	28 "	6 "	6	12 "	1,950	117.00	105.00

Whiffletrees and neck yoke extra per set. . 4.0c

Prices include seats. Descriptive catalogue on application. Special sizes up to 10,000 lbs. furnished promptly.

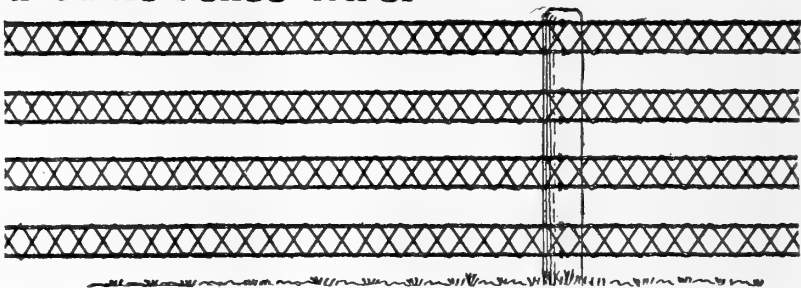
Steel Field and Lawn Rollers.

These rollers may be weighted to about three times the average weight given.

No. 2 L. Lawn, length 4 feet, diameter 24 inches, average weight 500 lbs.	Our net price, each, \$21.50
" 3 Field, " 6 " " 24 " " 550 "	" " 25.50

No. 3 Rollers furnished with Shafts or Pole as desired.

Truss and Cable Fence Wire.

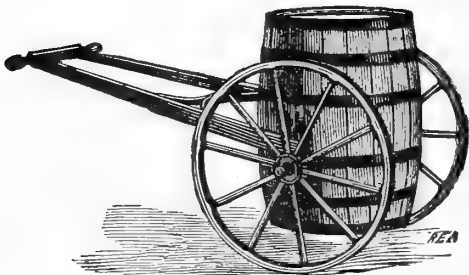


This fencing is composed of six galvanized Steel Wires of superior quality, and measures about ten feet to the pound. Its strength is equal to the Combined Tensile Strength of all the wires, and its construction is such as to allow for the expansion and contraction of heat and cold without stretching. It combines all the desirable qualities of the simple cable with those of increased strength, width and therefore visibility, resulting from a union of truss and cable, and costs less per rod than any strand of equal width in the market.

Truss and Cable Fence Wire 2 or 4 inches wide	Our net price, per lb., \$0.07
" " " Wire Fence Stretcher	" each, 1.00

Special prices on large quantities or for export.

Water Barrel Trucks.



Barrel Truck with Barrel.



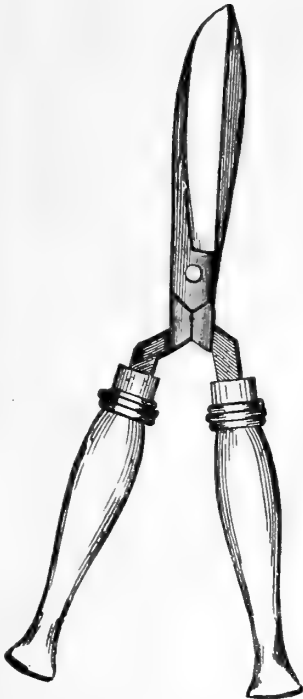
Leaf Rack for Barrel Truck.

A most convenient arrangement on the golf links, farm or lawn. The cuts show the truck with its different attachments. For a well made, durable article we consider the price very reasonable.

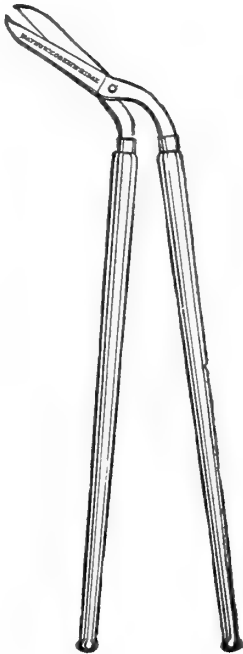
Water barrel truck only 1 1/2 in. tires	Mfrs. price, each, \$ 7.50	Our net price, each, \$6.75
" " " " 3 1/2 "	" " 10.00	" " " 9.00
Barrels fitted	" " 3.50	" " " 3.00
Boxes "	" " 3.50	" " " 3.00
Leaf racks fitted	" " 5.50	" " " 5.00
Sprinkling attachments	" " 3.75	" " " 3.50

See Special Offers on third page of cover.

English Grass Hedge and Border Shears.



			Mfrs. price, per pair.	Our net price, per pair.
No. 100	7½ in. Grass Shears	.	\$1.60	\$1.45
" 100	8 " "	.	1.65	1.50
" 100	9 " "	.	2.00	1.80
" 100	10 " "	.	2.38	2.15
" 101	8 " Hedge Shears	.	1.90	1.70
" 101	9 " "	.	2.25	2.05
" 101	10 " "	.	2.50	2.40
" 107	First size, Ladies' Shears	.	1.75	1.60
" 107	Second size "	.	1.75	1.60
" 107	Third size "	.	1.75	1.60
" 104	L. H. Border Shears	9 in.	3.00	2.70
" 104	" "	10 "	3.50	3.15
" 105	" " with wheel	9 "	3.50	3.15
" 105	" " "	10 "	4.00	3.60
" 106	Lawn " "	9 "	3.00	2.70
" 106½	" " 2 wheels	4 "	9.00	3.60



English Lawn Scythe.



Waldron's, made in England, 34 to 36 inches, Mfrs. price, per doz. . \$24.00 Our net price, each . \$1.75

Cleveland Lawn Weeder.



No more broken backs. This little device gets at the root of the evil and removes it bodily. Our net price, each, 75c.

Grass Hooks. American.



Barden Patent Grass Hook.

(SEE CUT.)

The Barden Hook is similar to a scythe and is consequently capable of doing better work than the older styles of Hooks. Made from the finest materials in one size only.

BARDEN PATENT GRASS HOOK. Our net price, each . . . \$0.50

Galvanized Hot-House or Garden Eyes.



Very useful for supporting wires for trellises or in training up vines. Protects wood-work thoroughly.

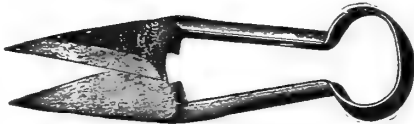
6-inch	.	.	.	.	.	.	.	.	Our net price, each, \$0.05
8 "	.	.	.	.	.	.	.	.	" " .06
10 "	.	.	.	.	.	.	.	.	" " .08
12 "	.	.	.	.	.	.	.	.	" " .10

Made expressly for us. None better.		
No. 2	Our net price each	. \$0.25
" 3	" "	. .25
" 4	" "	. .25
Nolin Concave	" "	. .60

English.

Our own importation. Finest quality		
No. 2	Our net price, each	. \$0.30
" 3	" "	. .35
" 4	" "	. .40
" 5	" "	. .50

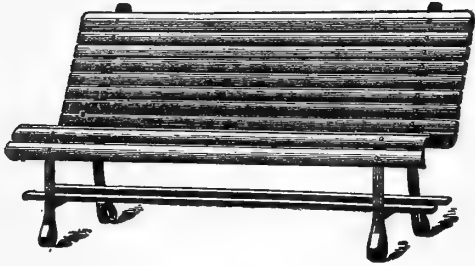
Sheep Shears for Grass.



No. 510, 6 in. ½-Pol, net price, \$0.50
American Clippers " .50
By mail add 20c. per pair for postage.

See Special Offers on third page of cover.

Boston Park Settee.



This style of settee is being adopted by all large cities, it being especially adapted to use in parks and public grounds. The standards are made of steel and each slat is bolted on.

Mfrs. price, each . . . \$9.00 Our net price, each, \$7.50

Extra Heavy Lawn Settee.

required. It has a heavy iron frame, the ends being bolted together with iron rod. Seat and back are made from best quality stock.



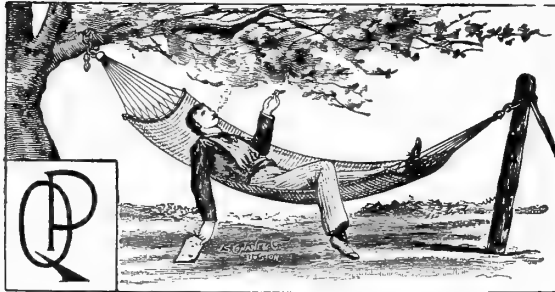
4 1/2 ft. long . . .	Mfrs. price, per doz., \$60.00	Our net price, each, \$4.75
5 " " . . .	" " " 66.00	" " " 5.00

Folding Lawn Settee.

Our folding lawn settees are made from hardwood. Can be folded into a small compass and packed away for the winter. Painted vermilion.

Our net price, each . . . \$1.25

Q. P. Woven Hammocks.



The Q. P. hammocks contain the largest amount of first-class stock of any in the market, being made of heavy cotton yarn. All hammocks have our combined hook and ring.

The spreader is impossible to displace, but allows the hammock to adjust itself to any position of the body, making a perfect hammock and bed. The strain being evenly distributed causes it to wear longer and prevents wearing out in the middle. Manufactured in neat and tasty designs in colors and plain white.

White Hammocks with Bent Spreaders in Both Ends.

Grade M, size of body, 84 in., width, 48 in., total length, 13 ft.,	Mfrs. price, per doz., \$26.50	Our net price, each, \$1.90
" O, " 78 " 45 " 12 1/2 "	" " 20.50	" " 1.50
" E, " 72 " 39 " 12 "	" " 13.50	" " 1.10

Hammocks of Full, Fast Colors, with Bent Spreaders in Both Ends, Adjustable Pillow and Valances.

Grade W, size of body, 96 in., width, 58 in., total length, 14 ft.,	Mfrs. price, per doz., \$75.00	Our net price, each, \$5.50
" Y, " 78 " 45 " 12 1/2 "	" " 45.00	" " 3.25

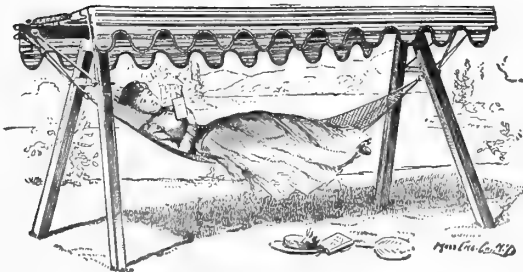
Hammocks, Plain White, with Bent Spreaders in Both Ends, Adjustable Pillow and Valances.

Grade No. 15, size of body, 96 in., width 58 in., total length, 14 ft.,	Mfrs. price, per doz., \$56.00	Our net price, each, \$4.10
" 17, " 78 " 45 " 12 1/2 "	" " 35.00	" " 2.60

Hammocks of Full, Fast Colors, with Bent Spreaders in Both Ends.

Grade S, size of body, 84 in., width, 48 in., total length, 13 ft.,	Mfrs. price, per doz., \$34.00	Our net price, each, \$2.50
" T, " 78 " 45 " 12 1/2 "	" " 27.00	" " 1.90

Hammock Frames.



Hammock frames with awning (see cut).	Our Net Price. \$8.50
" " without awning . . .	4.75

These frames and chairs stand alone wherever placed, independent of trees, posts, ropes or anchorage of any kind. They have no equal for the lawn, the seashore, the mountain or the lake region. They are strongly made and are thoroughly tested before leaving the factory.

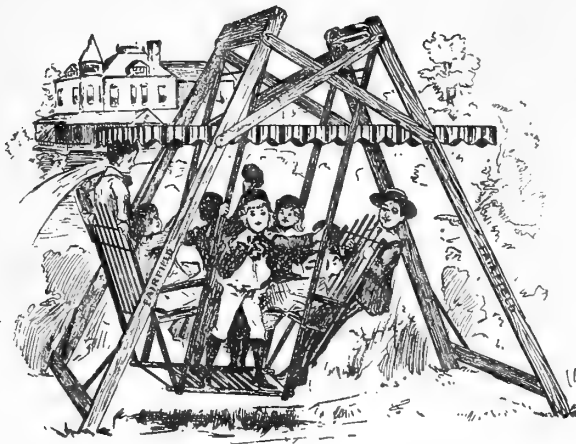
Hammock chair with frame	Our Net Price. \$4.75
" " only . . .	2.85
" " frame only	1.90

Hammock Chairs.



See Special Offers on third page of cover.

Automatic Lawn Swings.



These swings are perfectly automatic and furnish a delightful and healthful exercise for persons of all ages, as the smallest child can operate them with absolute ease and safety. As a promoter of health, strength and vitality, this swing has no equal, as with it either gentle or vigorous exercise may be taken at will.

The Victor Swings (first quality) are made from selected hard wood nicely finished. They are very durable and highly ornamental.

The Hub Swings (second quality) are offered to meet the demand for a cheaper swing than the Victor. They have the same general appearance although the lumber is not so carefully selected. The Double Swings are built with the view of sustaining a greater weight and are admirably adapted for parks, picnic grounds, etc.

Victor No. 1, Single, first quality	Mfrs. price, per doz.	\$60.00	Our net price, each	\$4.50
Hub No. 2, Single, second quality	"	54.00	"	4.00
Hub No. 3, Double, second quality	"	72.00	"	5.00
Victor No. 4, Double, first quality	"	90.00	"	6.50

Awnings for the above swings furnished to order only.

Garden and Lawn Hose.

The Best, Most Reliable and consequently the Cheapest Hose Sold.

Price List. Prices include Couplings.

RUBBER HOSE.

	Manufac- turers' Prices.	Jos. Breck & Sons' Net Cash Prices.
Superior $\frac{3}{4}$ -inch, 3-ply, for extra heavy pressure, per foot	\$0.30	\$0.20
Boston, $\frac{3}{4}$ -inch, 3-ply, for heavy pressure, per foot	.30	.17
Boston, $\frac{1}{2}$ -inch, 3-ply, " " "	.25	.15
Extra, $\frac{3}{4}$ -inch, 3-ply, for medium " " "	.30	.14
Extra, $\frac{1}{2}$ -inch, 3-ply, " " "	.25	.12
XXX, $\frac{3}{4}$ -inch, 3-ply, for light " " "	.30	.13
XXX, $\frac{1}{2}$ -inch, 3-ply, " " "	.25	.11
Universal, $\frac{3}{4}$ -inch, 3-ply, for greenhouse " " "	.37	.20

BLUE LINE COTTON HOSE.

Cotton, $\frac{3}{4}$ -inch, for all pressures, per foot	.30	.12
Cotton, $\frac{1}{2}$ -inch, " " "	.25	.11

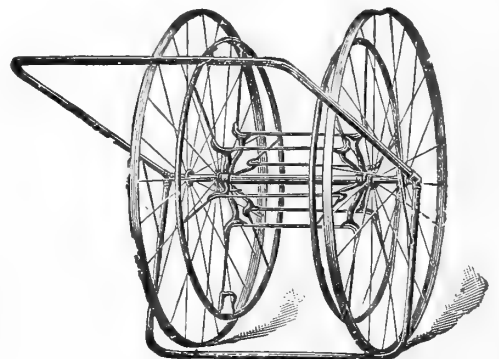


Please remember that we offer no cheap grade of Garden Hose; every foot is warranted and is sure to give satisfaction.

All Iron Park Hose Reels.

To meet the demand for Hose Reels having a larger capacity than the ordinary reels which carry from 50 to 100 feet, we have selected the Park Reels as being the most suitable. They are built entirely of steel, very strong, nicely painted and with reasonable care, practically indestructible. The Park Reels are especially adapted to Golf grounds, lawns and gardens.

No.	Height of Wheel Inches	Weight Pounds	Capacity $\frac{3}{4}$ inch Hose Feet	Mfrs. Price	Jos. Breck & Sons' Net Cash Price
2I	28	40	200	\$7.50	\$6.50
3I	34	50	500	10.50	9.50



See Special Offers on third page of cover.

Breck's Combination Sprinkler.

This Sprinkler is made of solid brass, with holes of the right size to throw a copious and gentle stream on the plants or lawn. The washing up of the soil is avoided by using the "BRECK." The face being flat and the holes bored straight, the spray is thrown without spreading, making it invaluable for hot-house work.

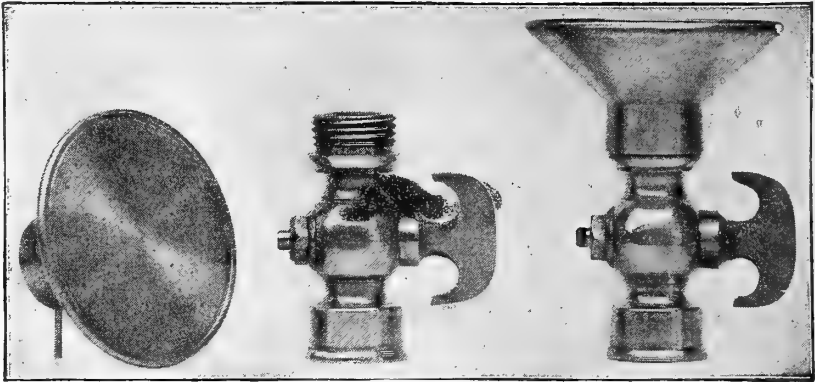
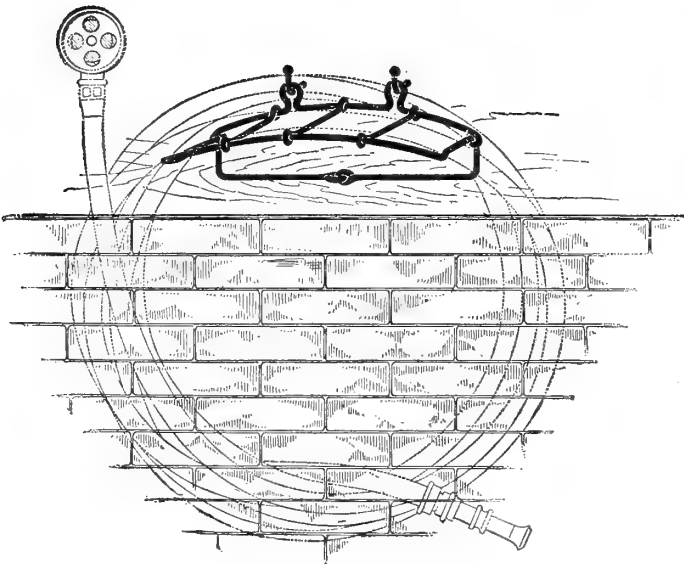


	Fig. 1	Fig. 2	Fig. 3
Breck Sprinkler, Complete, 3 inch Head	Fig. 3, Our net price, each, \$1.25	By mail, \$1.50	
" " Head only, 3 "	" 1, " .50	" .60	
" " " 4 "	" " .75	" .90	
" " Stop Cock only,	" 2, " .75	" .90	

Champion Hose Rack.

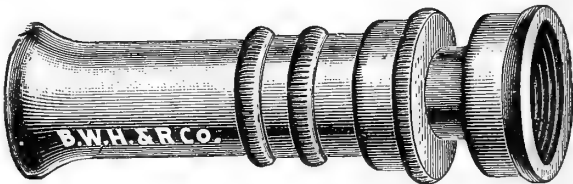


The Champion Rack is a practical and inexpensive device for holding garden and lawn hose. Attach a Champion Hose Rack to your house beside the sill cock or put one up in your stable or cellar, wherever you keep hose. Coil your hose and hang it on the rack.

Every one who uses garden and lawn hose should have a Champion Hose Rack.

Mfrs. price, per doz., \$4.00 Our net price, each, \$0.25

Hose Pipes or Nozzles.



The Boston Hose Nozzle.

THE BOSS HOSE NOZZLE will throw a straight stream or flat spray — superior for Flower Beds.

Our net price, each, 50 cts. By mail, 60 cts.

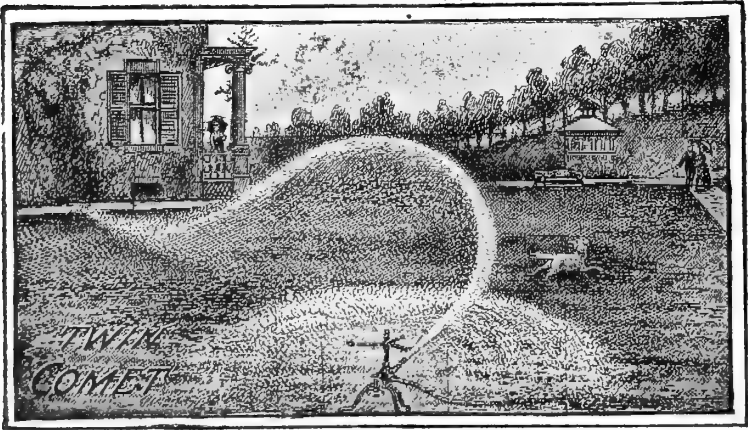
THE BOSTON HOSE NOZZLE throws two distinct sprays in addition to a straight stream — an old favorite.

Our net price, each, 50 cts. By mail, 60 cts.

THE FAIRY SPRAY PIPE, one of the best combination nozzles, throwing either a straight stream or spray.

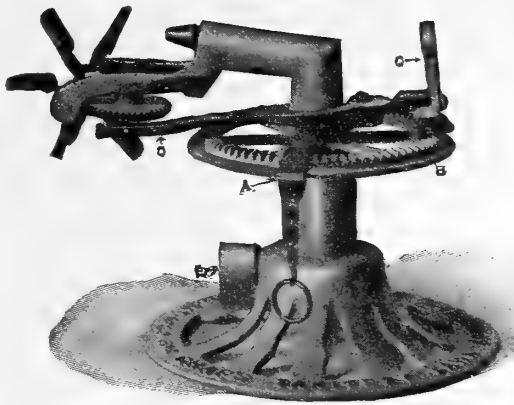
Our net price, each, 60 cts. By mail, 70 cts.

The "Twin-Comet" Lawn Sprinkler.



The globe, or body, of the Sprinkler is made in two parts, and by means of the swiftly revolving arms, and intermediate gears, the upper half is made to revolve slowly, carrying the hose nozzle, from which a full stream of water is thrown far out beyond the sprinkle of the arms, thereby covering a larger space than any other stationary sprinkler. Height, 17 inches; weight, 6 lbs.

Our net price each, \$5.00



The Takitezy Lawn Sprinkler.

This is an automatic sprinkler, which overcomes all obstacles heretofore experienced in sprinkling devices, and places it at the head as the most practical and ornamental sprinkler in existence. It is adjustable to different areas. It will make a complete revolution or describe any part of a circle, according to the operator's desire, or requirements of the ground.

The area sprinkled will be a circle, or part of circle from 10 to 35 feet diameter, according to pressure.

It is not affected by foreign substances in the water, and will give absolute satisfaction in any situation.

Mfrs. price, each, \$5.00

Our net price, \$4.75

Lawn Sprinklers.

Perfection Lawn Sprinkler, each	\$0.75
Nickel Plated Lawn Sprinklers; 4 arms.	
No ball top	3.50
Nickel Plated Lawn Sprinklers; 4 arms.	
With ball top	4.00
Nickel Plated Lawn Sprinklers; 8 arms.	
No ball top	4.00
Nickel Plated Lawn Sprinklers; 8 arms.	
With ball top	4.50

The Sunshine Sprinkler.

Ball Bearing. Latest and Best. Warranted to give satisfaction. Our net price, each \$1.00

Garden Hose Reels.

"Hub," carries 100 ft. 3/4-inch hose, each,	2.50
"Victor," " 50 " " " " "	1.00
"Park," " 200 " " " " "	6.50

Our reels are made from selected stock, nicely painted and finished.

Cooper Hose Mender.

No mechanical skill required to mend your hose. Cut out defective place in hose with sharp knife, leaving ends as square as possible, thus insuring close union. Dip ends in water if not already wet. Insert mender a short distance at one end, then take the other piece of hose and do likewise. Take hold of each piece and push them on together, having them meet at centre of mender. Do not expect it to go on too easily as there is great difference in the stability of hose, according to length of time it has been in use, and also the quality.

1/2 in.	Mfrs. price, per doz., \$1.25	Our net price, by mail, \$0.10
3/4 " "	" " 1.25	" " .10
1 " "	" " 2.00	" " .15

Hudson's Hose Menders.

This device is put up in boxes and is especially adapted for family use. It is made in two sizes, for 1/2 in. and 3/4 in. hose. Each box contains 1 pair pliers, 6 tubes and 20 bands.

Boxes 1/2 in. or 3/4 in. Our net price, per box, \$0.75. By mail, add for postage, 15 cts. per box.

Extras, additional. Pliers, 18 cts. each; bands, 12 cts. per dozen; 1/2 in. tubes, 36 cts. per dozen; 3/4 in. tubes, 45 cts. per dozen.



One Horse Sprinkling Cart.

These carts are intended for sprinkling lawns and private grounds or country places, and for truck gardens and flower gardens, cemeteries, yards and drives. They are very handy sprinklers around railroad shops and mills and lumber yards, and all places where a one-horse sprinkling cart of moderate capacity is useful. They will sprinkle wide or narrow. They can be used for laying dust or for watering grass as the wide tires prevent any injury to the sod. The valves work separately from the driver's seat so that either side can be used. A hose-threaded brass bib faucet is placed in the rear of the barrel, to which a regular three-quarter inch garden hose can be attached for watering plants and filling barrels.

Not included in our special offers.

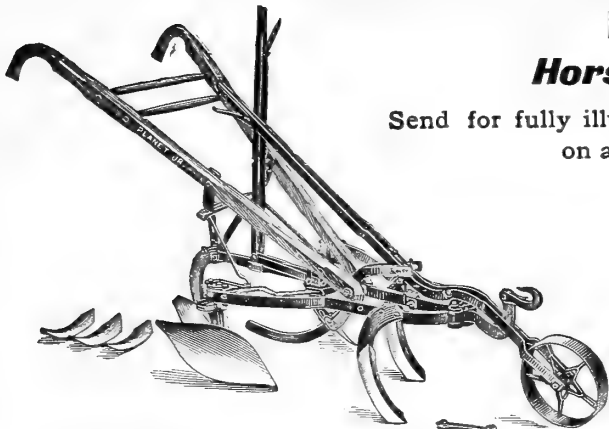
Sprinkling cart as shown. Our net price, \$90.00.

See Special Offers on third page of cover.

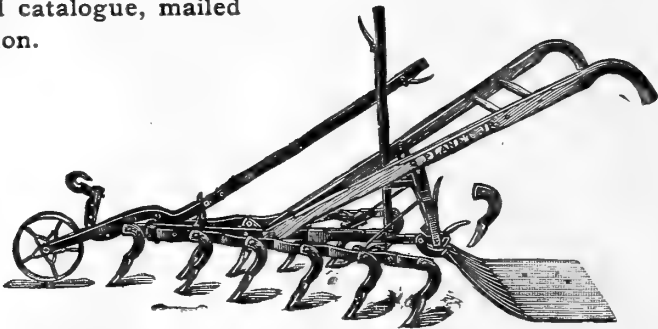
Planet Jr. Farm and Garden Tools.

1904
Horse Tools.

Send for fully illustrated catalogue, mailed
on application.



Planet Jr. No. 8 Horse Hoe.

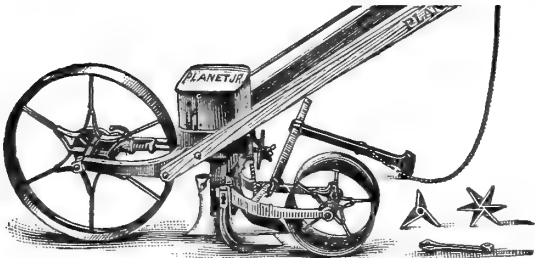


Planet Jr. 12 Tooth Harrow.

No. 8 Horse Hoe and Cultivator, complete	Our net price.	\$ 8.50
No. 7 " " " " " "		8.00
No. 9 " " " " " "		7.40
No. 5 " " " " " "		6.50
Nine-Tooth Horse Hoe		15.00
" " " " Attachment		7.00
No. 9 Plain Cultivator and Wheel		6.10
No. 9 " " no " "		5.35
No. 4 " " and " "		5.00
No. 4 " " no " "		4.25
Irish Potato Digger		16.00

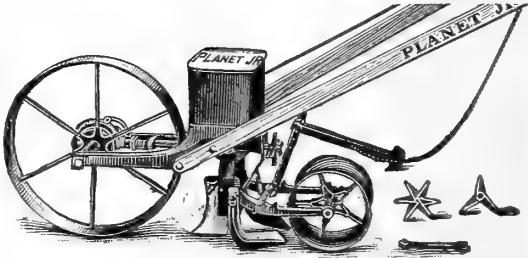
Twelve-Tooth Harrow, complete	Our net price.	\$ 8.50
" " " without pulverizer		6.90
" " " " or wheel		5.80
Double Celery Hiller		14.00
Single " "		11.00
Celery Digger		18.00
No. 1 Orchard and Universal Cultivator		34.00
No. 41 " " " " "		34.00
No. 53 Two-Row Market Gardeners' Horse Hoe,		25.00
No. 53 " " " " "		22.50
plain		

Planet Jr. Seed Sowers.

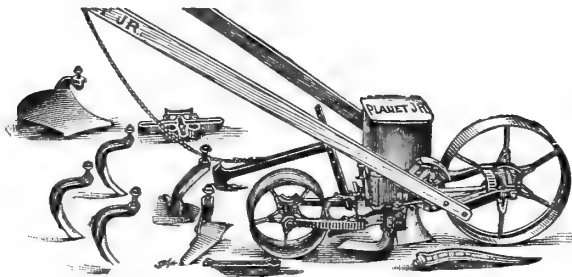


No. 3 Hill and Drill Seeder.

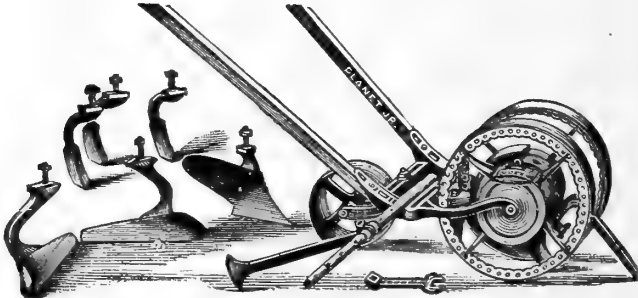
New and Valuable
Improvements
for 1903.



No. 5 Hill and Drill Seeder.



No. 4 Hill and Drill Seeder.



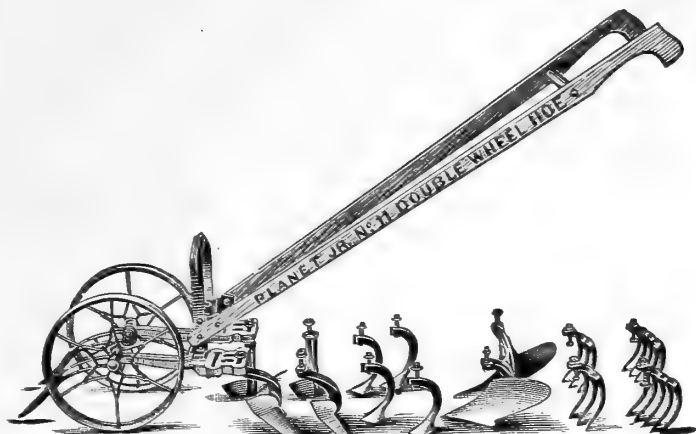
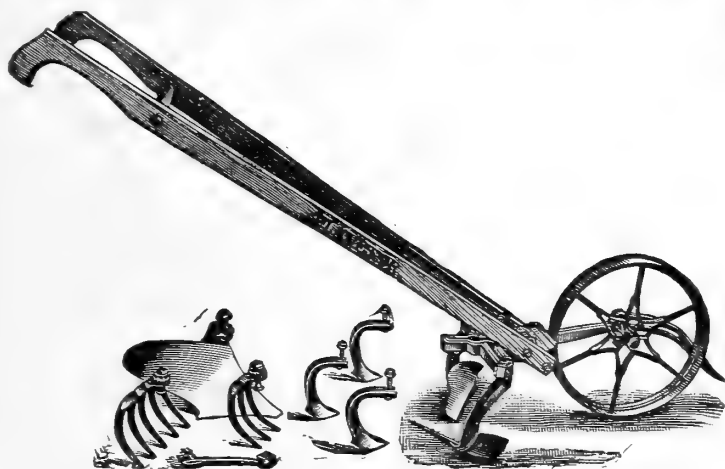
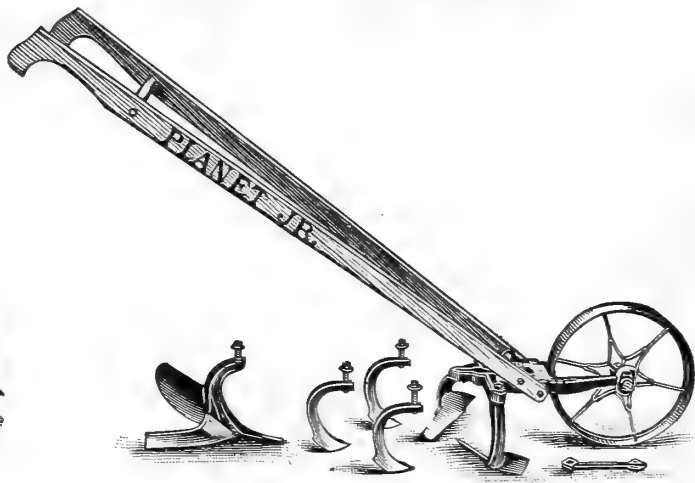
No. 1 Combined Drill Seeder.

No. 5 Hill and Drill Seeder	\$13.00
No. 3 " " " "	10.50
No. 4 " " " " with Rakes	11.50
No. 4 " " " " less " "	10.50
No. 4 " " " " plain	8.50
No. 25 " " " " and Double Wheel Hoe	13.50

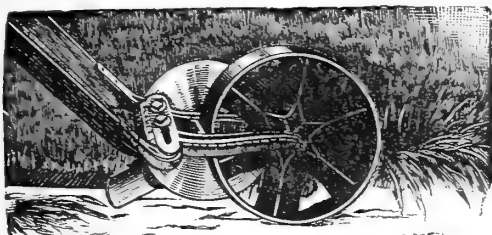
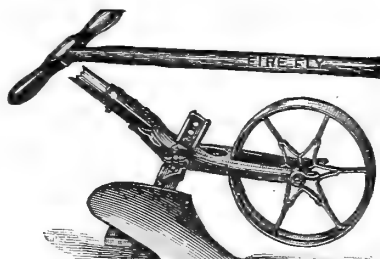
No. 1 Combined Drill Seeder with Rakes	\$10.00
No. 1 " " " less " "	9.50
No. 2 Drill Seeder	7.50
Fertilizer and Pea Drill complete	16.00
Fertilizer and Seed Drill combined	18.00

Large Descriptive Catalogue of Planet Jr. Goods Mailed on Application

Our Special Offer No. 1 (see third page of cover) applies to Planet Jr. Goods.

Planet Jr. Wheel Hoes.**Planet Jr. No. 11 Double Wheel Hoe.****Planet Jr. No. 12 Double Wheel Hoe.****Planet Jr. No. 16 Single Wheel Hoe.****Planet Jr. No. 17 Single Wheel Hoe.**

No. 11.	Double Wheel Hoe, complete	\$9.00	No. 17½	Single Wheel Hoe	\$4.50
No. 12.	" " " "	7.00	No. 18.	" " " hoes only	3.50
No. 13.	" " " plain (hoes only)	4.75	Firefly Garden Plow		2.35
No. 16.	Single Wheel Hoe	5.85	Grass Edger		6.00
No. 17.	" " " "	5.00	Breck's Garden Cultivator		3.75

**Planet Jr. Grass Edger.****Firefly Garden Plow.****Planet Jr. Extras.**

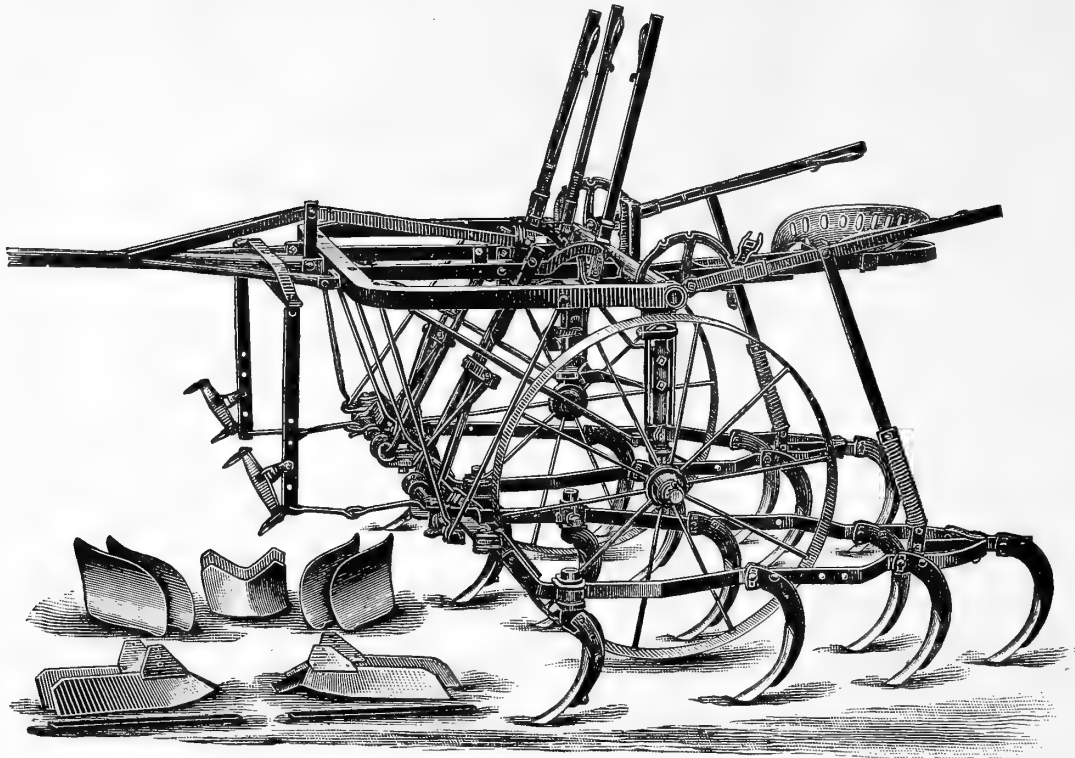
Not included in our special offer.

1¼ inch Steels	\$0.08	10-inch Hoe Steel	\$0.50
1¾ " "	.09	10 " " Furrower	.75
2¼ " "	.10	15 " Furrower	1.10
3 " "	.11	20 " " with wings	1.75
4 " "	.12	Ridging Steels, each	1.10
7 inch Shovel Steel	.25	Roller	1.75
8 " " "	.30	Reversed Rake	.80
Bolts	.01½	Pulverizer	2.00
8-inch Sweep and Bolt	.30	" for Harrow, special	1.75
10 " " " "	.35	Hilling Attachment	3.50
12 " " " "	.40	Vine Lifter Attachment	1.75
15 " " " "	.45	Lever Runner Attachment	2.00
18 " " " "	.55	Wheel for No. 9 Horse Hoe	.80
6 " Side Steels, each	.50	Runner Cutter Attachment	1.75
6 " Hoe " "	.40	Universal Cultivator Extension	5.00

Large Descriptive Catalogue of Planet Jr. Goods Mailed on Application.

Our Special Offer No. 1 (see third page of cover) applies to Planet Jr. Goods.

“Planet Jr.” Two-Horse Implements.



No. 72 Planet Jr. Two-Row Pivot Wheel Cultivator, Plow, Furrower and Ridger

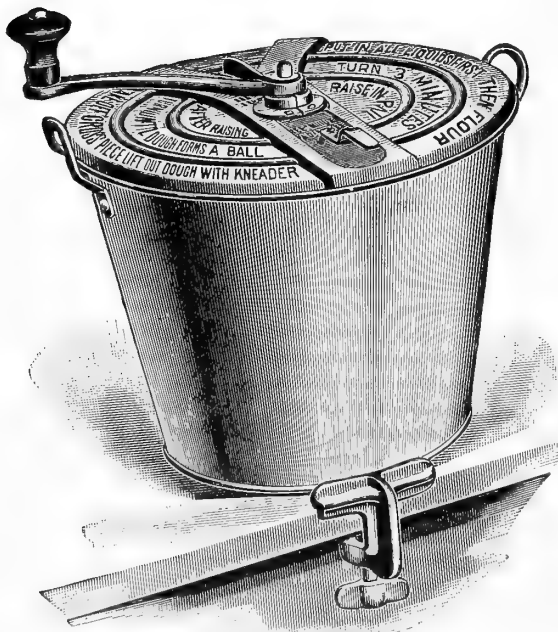
No. 72. Two-Row Pivot Wheel Cultivator	Our net price, each	\$50.00
“ 71. Improved Two-Row Pivot Wheel Cultivator	“ “	45.00
“ 45. Riding Cultivator and Harrow	“ “	30.00

Large descriptive catalogue of Planet Jr. goods mailed on application. Not included in our Special Offers.

“Universal” Bread Maker and Raiser

It will Mix and Knead Bread Perfectly in Three Minutes

Patented Dec. 11, 1900; July 14, 1903; Aug. 25, 1903. Other Patents Pending.



It is easy to operate. It is easy to clean as a tin pail.
It is simplicity itself in construction.
A woman can take it apart and put it together with her eyes shut.
It cannot be put together wrong.
There is nothing about it to get out of order.
The price put upon it places it within easy reach of any family.
A child can operate it and make better bread than her mother ever did.
Three minutes' easy work instead of half an hour's hard work and better bread.
The Universal Three Minute Bread Maker is mixer, kneader and raiser, all combined.
The hands do not touch the dough, which is mixed and kneaded thoroughly in three minutes by this machine.
Three minutes in this easy and pleasant way. Twenty to thirty minutes by the old method.
We guarantee this simple machine to mix and knead bread perfectly in three minutes.
No housekeeper who has once used it will ever be content to

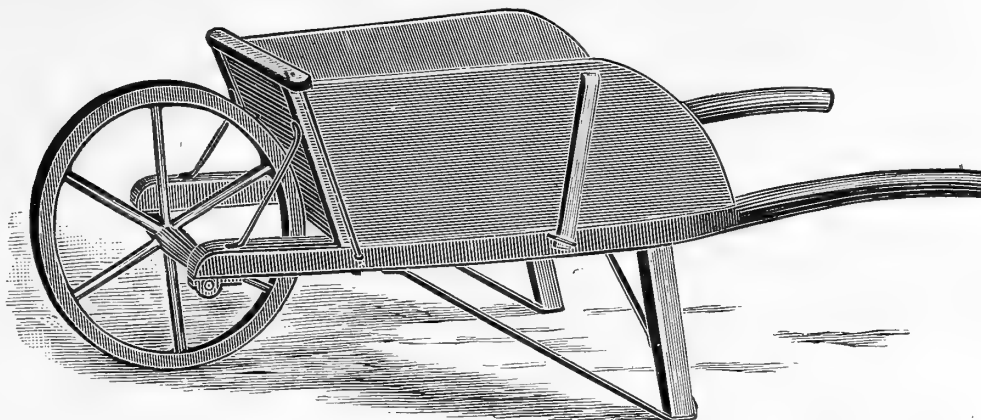
go back to the old, laborious, disagreeable way of making bread by hand.

The reasonable price at which it is sold, places it within reach of every family.

Our price with all necessary directions for operating, \$2.50 net.

Special Offer No. 3 only applies to the Universal Bread Maker.

WHEELBARROWS.



Eureka No. 2 Boys'	4 Spoke Wheel, painted green	Mfrs. price, \$3.50	Our net price, \$3.25
" " 3 "	4 " " " "	" 3.75	" " 3.35
" " 4 Garden	6 " " " "	" 4.00	" " 3.50
" " 5 Farm	6 " " " "	" 4.50	" " 4.00
" " 6 Extra Large	6 " " " "	" 4.75	" " 4.25
Lawn or Stable Barrow.	Very large for leaves, etc.	8.00	" " 7.00

Star Custom Barrows.

These Barrows are made of selected hardwood, strongly ironed and heavy braces, bolted, six spoke wheels and high side boards. The Star Custom is a stronger and better Barrow than the Eureka. Very strong and durable.

Star Custom No. 4 Garden	6 Spoke, varnished.	Mfrs. price, \$5.00	Our net price, \$4.50
" " 5 Farm	6 " " "	" 6.00	" " 5.50
" " 6 Extra Large	6 " " "	" 3.50	" " 6.50

Special Contractors' Canal Barrows.

Very strong and durable. Preferable to the regular garden barrows for heavy, rough work.

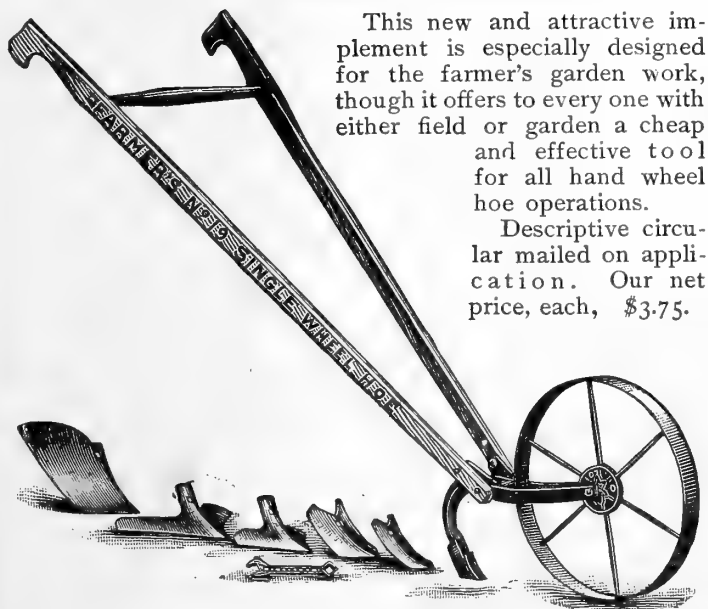
Iron Hub, Wood Wheel, all Bolted	Mfrs. price, \$2.75	Our net price, \$2.25
Patent Steel Wheel, all Bolted	" 3.00	" " 2.50
Steel Tray, Canal Barrows, capacity, 3 cubic feet	" 7.25	" " 4.50

Sand, Gravel and Coal Screens.

All wire in these screens is made of the very best Bessemer steel and is drawn to a temper most adapted to wear and stand the longest in the screen. It is an extra heavy grade and the wires double crimped.

The woodwork is done over with a heavy coat of clear raw linseed oil, adding greatly to the preservation of the screen when exposed to the weather. Any size of mesh desired. With iron leg. Our net price, each, \$7.50.

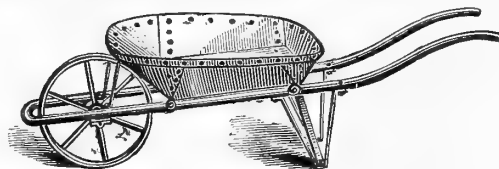
Breck's Garden Cultivator.



This new and attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for all hand wheel hoe operations.

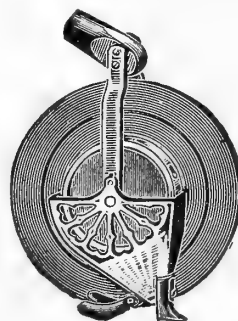
Descriptive circular mailed on application. Our net price, each, \$3.75.

Steel, Coal and Dirt Barrows.



	Mfrs. price.	Our net price.
Dirt, capacity, 3 cubic feet	\$10.75	\$ 9.50
No. 6 Coal Barrow, 225 lbs. coal,	15.00	13.50
" 7 " " 300 " "	18.00	16.50
" 8 " " 450 " "	20.00	18.00

The Eureka Seed Drill.



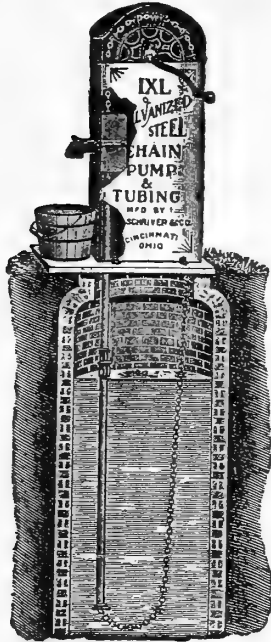
Don't try to do without this little planter another season. Your garden will smile approbation all through the season if you use the EUREKA.

By using this Drill you save seed, you save time, you stand in an upright position, the work is easy, you get a better stand, you get better plants.

Our net price, each, \$1.00.

See Special Offers on third page of cover.

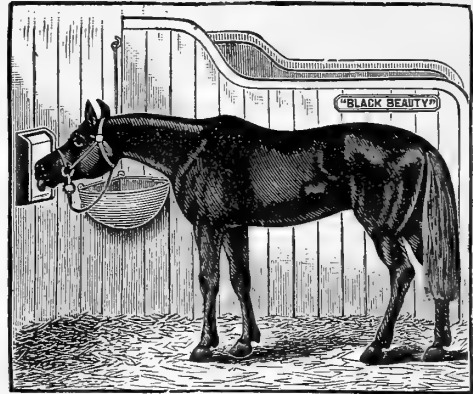
I. X. L. Galvanized Steel Chain Pump.



There has never been a better device for raising water from the well than the old-fashioned chain pump with rubber buckets. The galvanized tubing does not make the water taste, it cannot rust, and will not rot or accumulate filth. This pump is anti-freezing and can be used in wells that are fifty feet deep or under successfully, giving sixteen gallons of water per minute.

I. X. L. Curbs comp., each, \$5.00
Galvanized Tubing, per ft., .10
" Couplings " " .20
I. X. L. Rubber Buckets, each, .10
Galvanized Pump Chain, per ft., .04

Pure Salt Brick and Feeder.



This method of feeding pure salt to stock has been adopted in the largest stables and grows in favor daily.

It enables the animals to gratify their desire for salt whenever their systems require it.

Salt Bricks, our net price, each, \$0.25 . per doz., \$2.40
Feeders " " " " .50 " " 4.80

Buckley's Patent Watering Device.



The above illustration shows the general application of this system, but a brief description will be necessary to demonstrate its **importance, usefulness and simplicity.** On application will mail descriptive catalogue with testimonials, etc.

No. 2 Stanchion Basin with Valve, our net price, each, \$1.50. Not included in our special offers.

Breck's Improved Swing Stanchion.

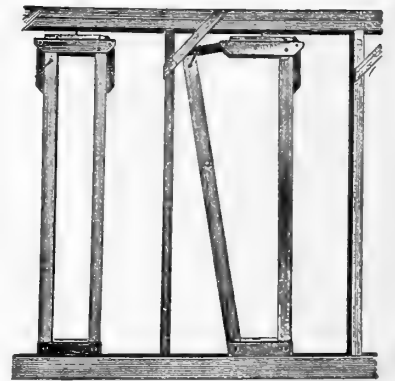
This Stanchion gives as perfect freedom to cattle as it is possible to have and have them fastened at all. The cattle when standing can lap themselves as when loose, and when lying down they can rest the head upon the body as when in pasture.

There is no friction on the neck, as the Stanchion turns with the head. It keeps them as clean as the firm Stanchion and there is no possible way they can get hurt; neither can they get to the right or left to gore each other.

The cattle cannot waste their feed and do much better than when tied with any other Stanchion. No getting choked or getting unfastened.

Thousands are in use. Every dairyman who has used them approves them and adopts them exclusively.

Mfrs. price, each, \$1.75. Our net price, each, \$1.35



Sod Lifter.



Useful for cutting under strips of sod as they are being rolled.

	Mfrs. price, per doz.	Our net price, each
Wood Handle	\$45.00	\$3.25
Iron Handle	42.00	3.00

See Special Offers on third page of cover.

Edging Knife.



For trimming edges, walks, lawns, etc. Best quality Cast Steel with handle.
Our net price, each, 75c.

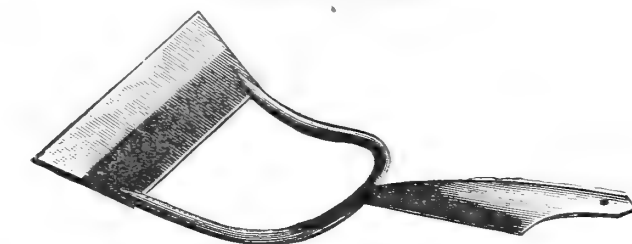
Shovels and Spades.

"Columbia" Shovels and Spades	Our net price, each, \$1.22
"Our Leader" "	" " 1.08
"Hub Solid Steel" "	" " .88
"O. Ames" "	" " 1.27

Long or D Handles same price.

Nursery Spades.

"O. Ames No. 2"	Our net price, each, \$1.55
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Scuffle Hoes.**American.**

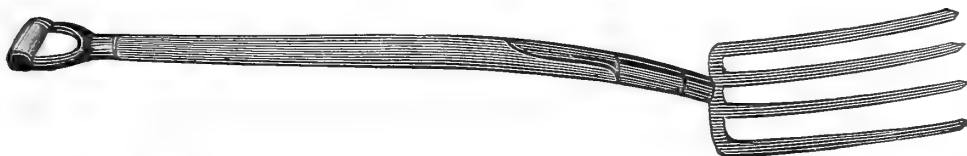
	Our net price.
6 in., handled	each, \$0.30
7 " "	" .35
8 " "	" .40
9 " "	" .45
10 " "	" .50

Dutch.

	Our net price.
6 in., handled	each, \$0.60
7 " "	" .65
8 " "	" .80
9 " "	" .85
10 " "	" .90

Arlington.

For Market Gardeners, very popular	Our net price, each, \$1.50
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Manure and Spading Forks.**Manure.**

4 Tine D Handle	Our net price, each, \$0.50
5 " "	" " .75
5 " "	" " .95

Spading.

4 Tine Light D Handle	Our net price, each, \$0.65
4 " Heavy " "	" " " .70
4 " Flat " "	" " " .70

Hoes.

Field, 6 to 8 in. socket, extra quality	Our net price, each, \$0.40
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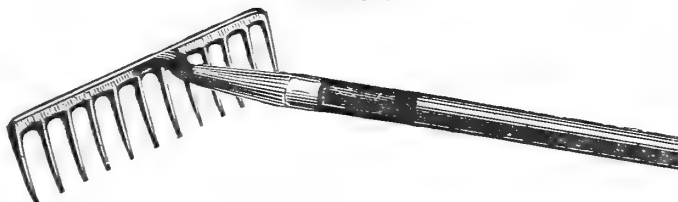
Acme.

Special design, very popular	Our net price, each, \$0.75
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Field, 6 to 8 in. shank, extra quality	Our net price, each, \$0.35
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Warren.

For planting and covering	Our net price, each, \$0.60
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Rakes.**Garden.**

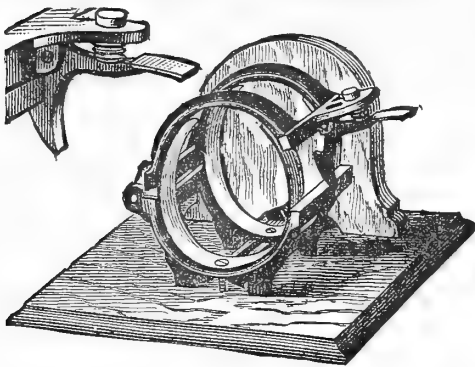
10 Teeth	Our net price, each, \$0.35
12 "	" " .40
14 "	" " .50
16 "	" " .55
18 "	" " .60

Gravel.

12 Teeth	Our net price, each, \$0.40
14 "	" " .50
16 "	" " .55
18 "	" " .60

Special Offer No. 3 (see third page of cover) applies to articles on this page.

Asparagus Buncher.



Our net price, each . . . \$2.50

Garden Line Reels.



Malleable iron, japanned. Our net price, each, \$0.75

Braided Garden Lines.



50 ft. Our net price, \$0.38 By mail, \$0.50
100 " " " .75 " 1.00

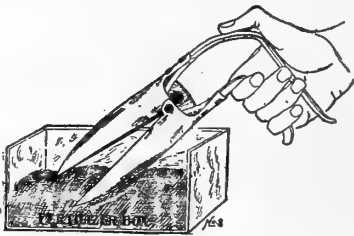
Asparagus Knife.



Birch handle, 15½ inches. Drop forged blade. Enamelled shank.
Mfrs. price, per doz., \$8.00 Our net price, each, \$0.50 By mail, each, \$0.65

Transplanter and Automatic Fertilizer.

A very simple device which may be used for transplanting, inserting and removing plants from the ground; also for inserting fertilizer with the plants or at the sides of the plant roots.
This simple but useful invention is unique, and has no rivals in the market. It should be in the hands of every farmer, gardener, florist, etc.
Our net price, each, 50 cts.



Trowels.

English.

6 in., riveted shank . . .	Our net price, \$0.40
7 " " " . . .	" " .45
7 " welded " . . .	" " .50

By mail, add 15 cents each.

American.

6 in., or ladies' trowel . . .	Our net price, \$0.10
7 " " " . . .	" " .12
8 " " " . . .	" " .15

By mail, add 10 cents each.

Garden Forks, Dibbles and Weeders.

Fig. 1. Transplanting fork, English, each, \$0.40	Our net price. \$0.40	By mail. \$0.60	Excelsior hand weeder . . .	Our net price. each, \$0.10	By mail. \$0.15
" " " American " . . .	.15	.25	Fig. 4. Forged steel " . . .	" .35	.50
Fig. 2. Dibble . . .	.50	.65	" 5. Haselton's " . . .	" .25	.30
" 3. Noyes's hand weeder . . .	.25	.35	Lang's " . . .	" .25	.30

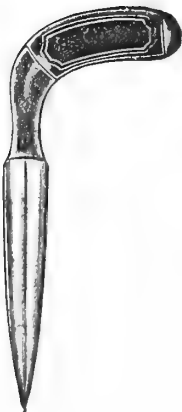


Fig. 2.



Fig. 3.



Fig. 4.



Fig. 1.



Fig. 5.

Special Offer No. 3 (see third page of cover) applies to unmailable articles on this page.

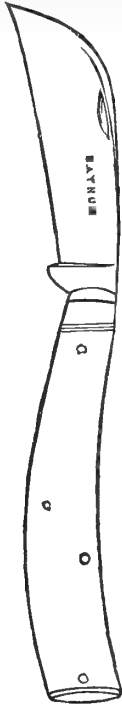
Imported Pruning and Budding Knives.



No. 323.



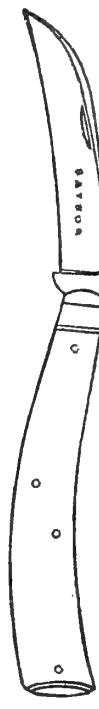
No. 204.



No. 190.



No. 187 BC.



No. 312.



No. 1 NB.

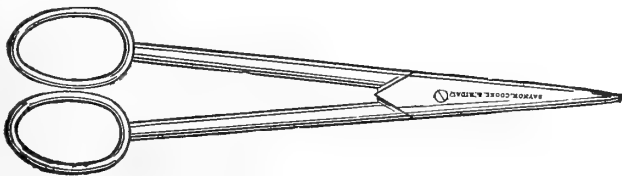
No. 190	Buck handle, large	Pruning	. . .	\$1.40
" 312	"	peach	" . . .	1.25
" 187 BC	"	medium	" . . .	1.25

By mail, add for postage 10 cents each.

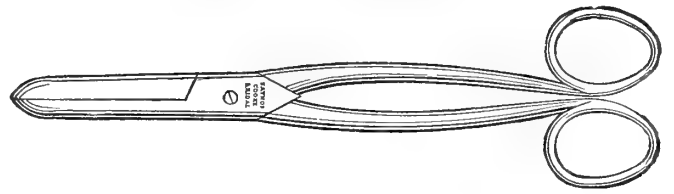
No. 1NB	Ivory Handle	Budding	. . .	\$1.25
" 323	"	"	" . . .	1.25
" 204	"	"	" . . .	1.25

By mail, add for postage 5 cents each.

Vine Scissors.

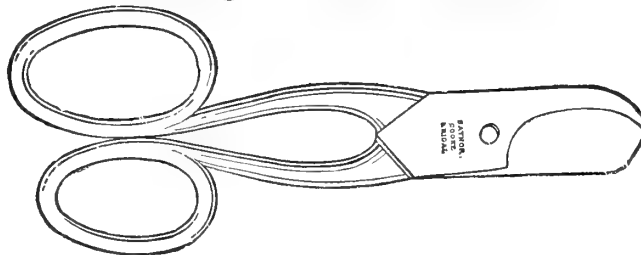


Imported . 6-inch, \$0.85 7-inch, \$1.00 8-inch, \$1.10
By mail, add 10 cents per pair.



Imported . 6-inch, \$0.90 7-inch, \$1.15 8-inch, \$1.35
By mail, add 10 cents per pair.

Pruning or Bow Scissors.



Imported Pruning Scissors, No. 6514, 7-inch
By mail, add 10 cts. per pair.

Our net price, per pair, \$1.00

Grafting Chisel.



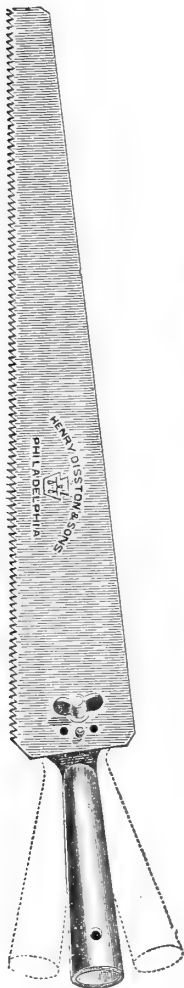
Made from the finest forged cast steel Our net price, \$0.50
By mail add 10 cents each.

See Special Offers on third page of cover.

Pruning Saws.

All kinds. Made from the finest quality steel.

Single Edge	Our net prices, 18-inch, \$0.90	20-inch, \$1.10
Double "	" " 18 " 1.00	20 " 1.20
Adjustable Pole Pruning	Our net price, .75	
Forrest, No. 10, "	" " " 1.50	
Pruning Saw and Chisel	" " " .90	



Adjustable Pole Saw.

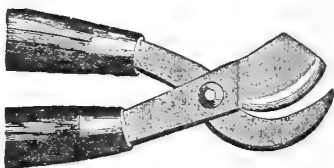


"Clyde" Draw Cut Pruners.

The finest pruning tool made. Hand-forged from the best quality of Shear Steel. Every pair warranted. No. 1 will cut limbs 2½ inches in diameter. Draw or slide cut.

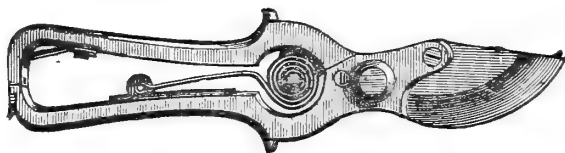
No. 1 Draw Cut, large size	Our net price, per pair, \$2.50
" 2 " " small "	" " " 2.00

Rockdale Pattern Pruner.



Blades forged from best cast steel, will cut limbs 1½ inches in diameter with ease.		
Rockdale Pattern, 24-inch handles	Our net price, \$0.75	
" " 41 "	" " 1.00	

Pruning Shears.



French Wheel Spring	Our net price, 7-in., \$1.25	8-in., \$1.50	9-in., \$1.75	10-in., \$2.00
Taylor Pattern, No. 1 Flat Spring	Our net price, per pair, .25			
" " " 2 Spiral "	" " " .35			
" " " 9 Loop Handle	" " " .50			
" " " 12 Volute Spring	" " " .50			
No. 7347 California Pattern	Our net prices, 8-in., \$1.25 9-in., \$1.50 10-in., 1.75			

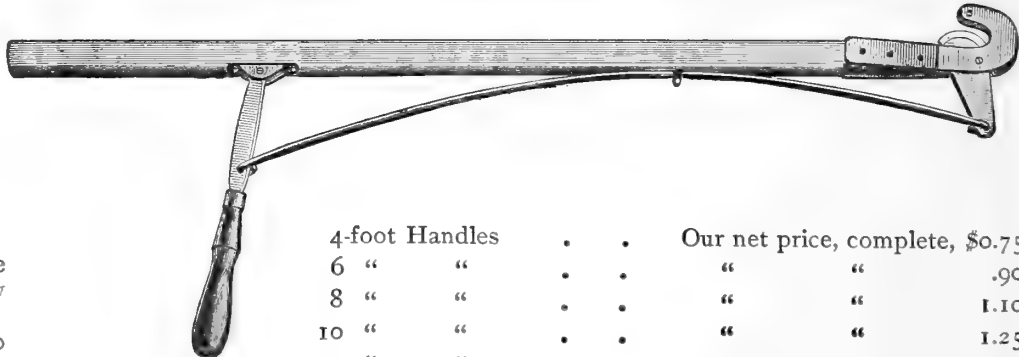
By mail, add for postage 10 cents per pair.

Telegraph Pruner.



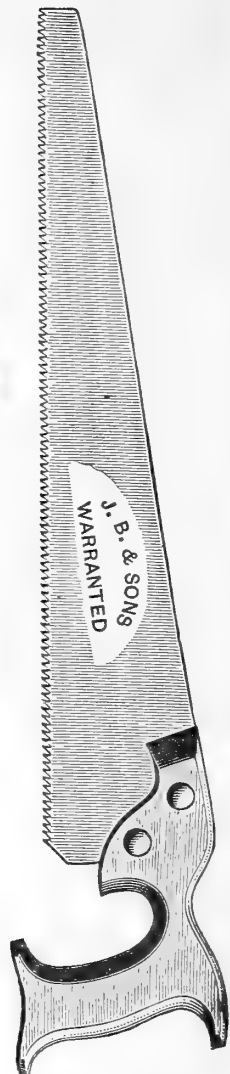
Sold without handles. To be operated with a cord. Any length of handle can be used.
Our net price, each . \$1.00
Extra knives (by mail) .25
" Springs " .25

Waters' Improved Tree Pruner.



4-foot Handles	Our net price, complete, \$0.75
6 " "	" " .90
8 " "	" " 1.10
10 " "	" " 1.25
12 " "	" " 1.50
Extra Knives	each, .20

See Special Offers on third page of cover.



Single Edge Pruning Saw.

Tree Scrapers.

Blades fastened by square-head machine bolts; hardwood handles.

No. 10, blade $\frac{1}{4}$ x 5 in.	Our net price, each, \$0.60
" 20, " $\frac{1}{8}$ x 5 "	" " .40

Galvanized Fumigators.

No. 1 Eureka, capacity $\frac{1}{2}$ peck	Our net price, each, \$1.50
" 2 " " I "	" " 2.00
" 3 " " $\frac{1}{2}$ bushel	" " 2.50
" 4 " " $\frac{3}{4}$ "	" " 3.50
" 1 Perfection, small	" " 3.00
" 2 " medium	" " 3.50
" 3 " large	" " 4.00
" 5 " extra large	" " 5.50

Water Pots.

Tin, Painted Green.

2 qt. Our net price, \$0.40	8 qt. Our net price, \$0.75
3 " " " .50	10 " " " .90
4 " " " .60	12 " " " 1.05
6 " " " .70	16 " " " 1.30

Galvanized Iron.

Regular Pattern.	French Pattern.
4 qt. Our net price, \$1.50	4 qt. Our net price, \$1.75
6 " " " 1.75	6 " " " 2.00
8 " " " 2.00	8 " " " 2.25
10 " " " 2.25	10 " " " 2.50
12 " " " 2.75	12 " " " 3.00

Brass Syringes.



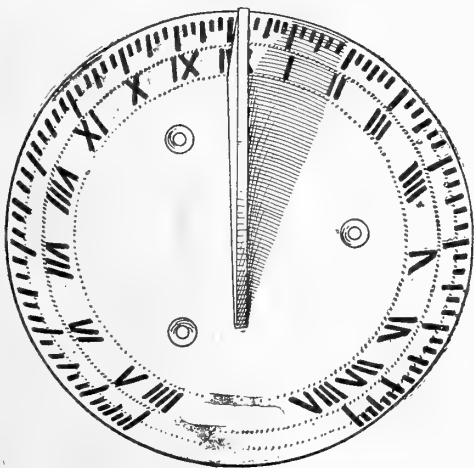
No. 5.



No. 3.

No. A, one spray rose and jet, length 12 in., diameter 1 in.	Our net price, each, \$2.50
" 3, two " " cone valves, length 18 in., diameter $1\frac{1}{2}$ in.	" " 7.00
" 5, " " " and knuckle joint " 18 " $1\frac{1}{2}$ "	" " 9.00
Ladies' two spray rose and jet, cone valves, side attachments " 14 " I "	" " 4.00
No. G, one spray rose and jet, angle joint " 16 " $1\frac{1}{2}$ "	" " 5.00
" L, one rose may be used straight or on side (see cut) " 16 " $1\frac{7}{16}$ "	" " 4.50
" 7, two spray roses and jet, length 16 in., diam. $1\frac{1}{4}$ in.	" " 4.00

Breck's Sun Dials.



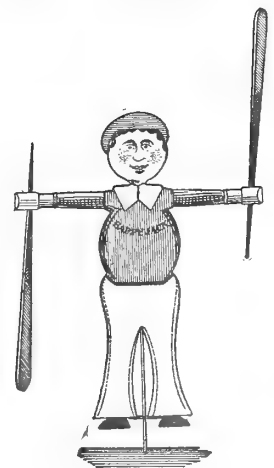
No old fashioned garden was quite complete without its Sun Dial. The time of day can be told by the Sun Dial approximately, making it an object of utility and ornament, as well as a curiosity not often seen at the present day.

Our net price.
Iron, painted, . . . each, \$1.25
Brass, polished, . . . each, 4.50

Nantucket Sailor Men.

These little men are well made, neatly painted and balanced so nicely that they will not desert their posts of duty even in the heaviest gales. Each packed in paper box with steel spindle and staples for setting up.

Large, each . . . \$1.00
By mail . . . 1.35
Small, each25
By mail40

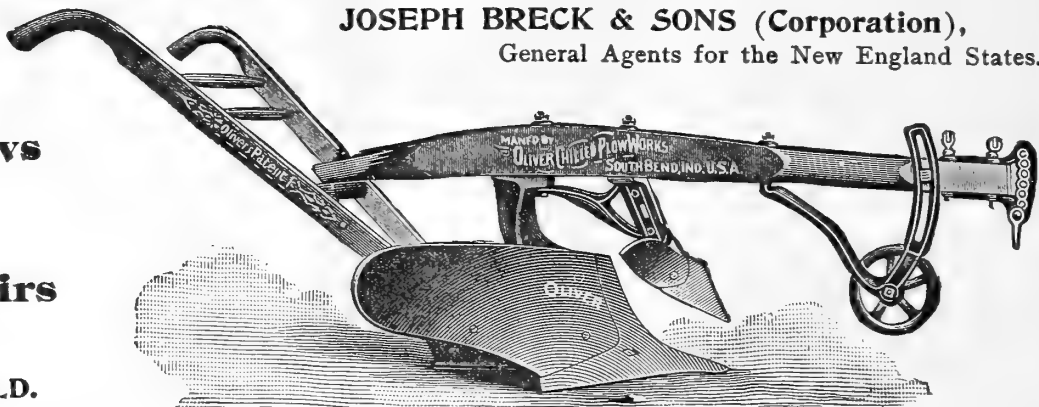


See Special Offers on third page of cover.

Genuine Oliver Chilled Plows.

JOSEPH BRECK & SONS (Corporation),
General Agents for the New England States.

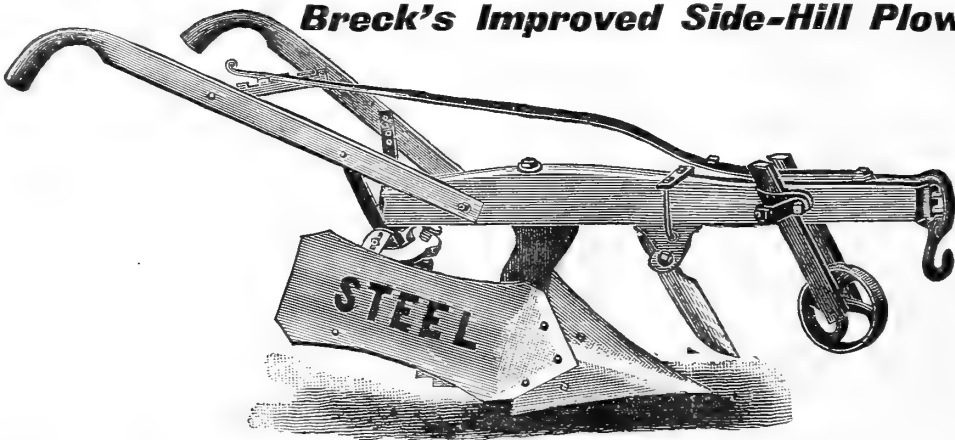
GENUINE
Oliver Plows
AND
GENUINE
Oliver Repairs
ARE THE
BEST IN THE WORLD.



DESCRIPTION.		Capacity.	Weight.	Plain.	With Wheel.	With Wheel and Fointer or Cutter.
No. A.	Light One-Horse	Furrow, 4½ x 8 in.	50 lbs.	\$4.50	\$ 5 25	\$ 6.75
" B.	Medium "	" 5 x 10 "	65 "	6.00	6.75	8.25
" 10.	Heavy "	" 5½ x 11 "	70 "	7.00	7.75	9.25
" 13.	Very Light Two-Horse	" 6 x 11 "	80 "	8.00	9.00	11.00
" 19.	Light "	" 6½ x 12 "	100 "	8.50	9.50	11.50
" 20.	Medium "	" 7 x 13 "	110 "	9.00	10.00	12 00
" E.	Heavy "	" 7 x 14 "	125 "	9.50	10.50	12 50
" 40.	Heavy Two or Three-Horse	" 9 x 16 "	130 "	9.50	10.50	12.50

Beware of imitation plows and extras, claiming to be the genuine Oliver or equally good. The genuine plows and repairs, direct from the factory, are for sale in New England only by us and our authorized agents. All others are spurious, and cannot be relied upon to fit well or do good work.

Breck's Improved Side-Hill Plows.



No. of Plow	Description	Plain		With Wheel		Wheel and Cutter	
A	Steel mould board 2-Horse	\$14.50	\$13.00	\$15.50	\$14.00	\$17.00	\$15.50
B	" " Light 2-Horse	13.50	12.00	14.50	13.00	16 00	14.50
A	Hard metal " 2-Horse	12.50	11.00	13.50	12.00	15.00	13.50
B	" " Light 2-Horse	11.50	10.00	12.50	11.00	14.00	12.50
C	Steel " One-Horse	9.50	8.50	10.50	9.50	11.50	10.50
C	Hard metal " " "	8.50	7.50	9.50	8.50	10.50	9.50

One extra point given with each plow.

Scientific Grinding Mills.

The Scientific Grinding Mills are the standard of excellence in grinding machinery the country over. Our Double Action Mill is worthy of the special attention of all who are interested in Grinding Mills. It adds a new principle in grinding grain and does the work much easier and better than with other general horse-power mills. We can also furnish Horse Powers, etc., all these machines being improved and perfected by the light of practical experience and observation.

Complete descriptive catalogues of the Scientific Mills, giving much valuable information regarding Corn Meal, etc., mailed on application.

Gas and Gasoline Engines.

To those interested we will on application mail complete Catalogue giving full information. We offer only high grade Engines, which our experience teaches us are the most economical to buy. If contemplating purchasing a Gas Engine don't fail to write for our Engine Catalogue.

See Special Offers on third page of cover.

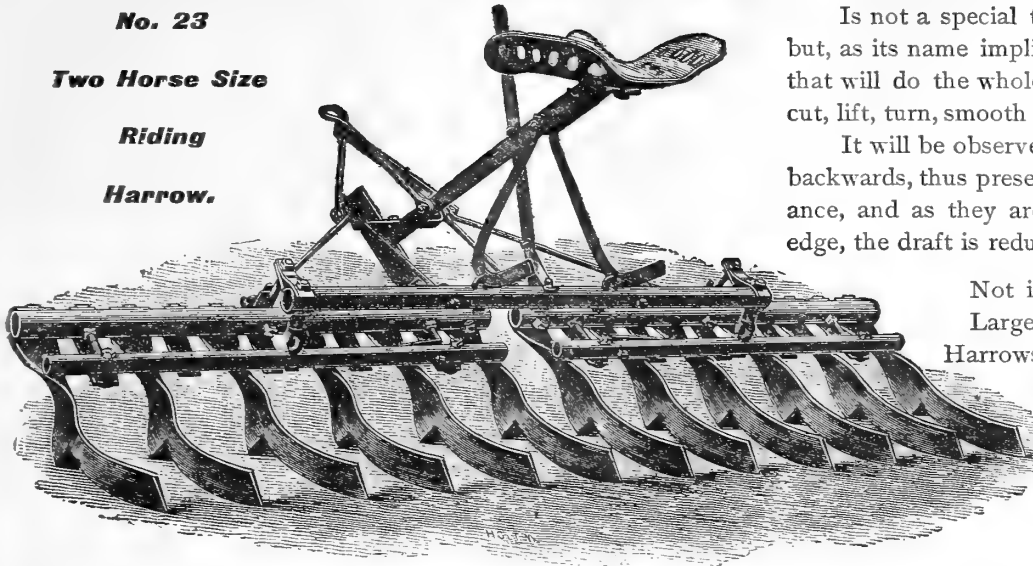
Acme Pulverizing Harrow.

No. 23

Two Horse Size

Riding

Harrow.



Is not a special tool, as some have supposed, but, as its name implies, a general purpose harrow that will do the whole business, viz.: it will crush, cut, lift, turn, smooth and level, all in one operation,

It will be observed that the Coulters all slope backwards, thus presenting the least possible resistance, and as they are beveled and ground to an edge, the draft is reduced to a minimum.

Not included in our special offers.
Large illustrated catalogue of Acme Harrows mailed on application.

Our net prices.

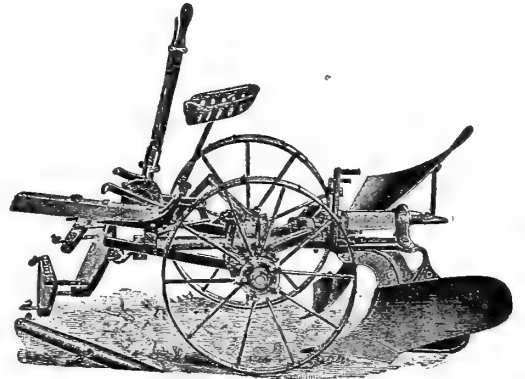
No. 23, 6 ft. 6 in. cut,	\$17.00
" H, 4 " 4 " "	14.00
" G, 3 " " "	9.50

National Reversible Sulky Plow.

The National has been especially designed to meet the wants of Eastern farmers, and succeeds not only upon level farms, leaving them without tracks or dead furrows, but is equally adapted to stony, rough side hill farms, turning the land with the slope, and not up the hill, as is the case with all one-way sulky plows.

Neck yoke, evener, whiffletrees which answer for two or three horses abreast, are sent with each plow.

Our net price \$47.00

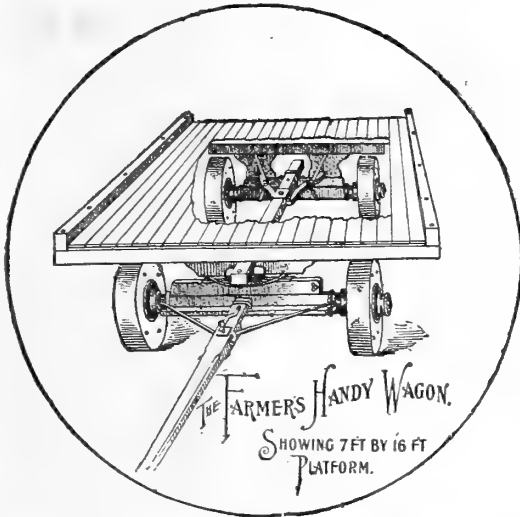


Farmer's Handy Wagon.

All thrifty farmers have for some time felt the necessity for a low-down, wide-tire, short-turning, broad-platform wagon for general use upon the farm. This demand, until the first "Handy Wagon" was built, had never been met. This wagon has been on the market for eight years, and it has reached as high a state of perfection as ingenuity and the criticism of its many users can effect. The No. 9 Farmer's Handy Wagon is the latest, and we believe it to be the best general purpose two-horse farm truck made. It, in connection with our platform, combines all the advantages which are sought in a farm truck.

No. 9 Farmer's Handy Wagon Our net price, \$40.00
Platform Frame for No. 9 6½ x 13 ft. " " 10.00

Complete descriptive catalogue mailed on application.
Not included in our special offers.



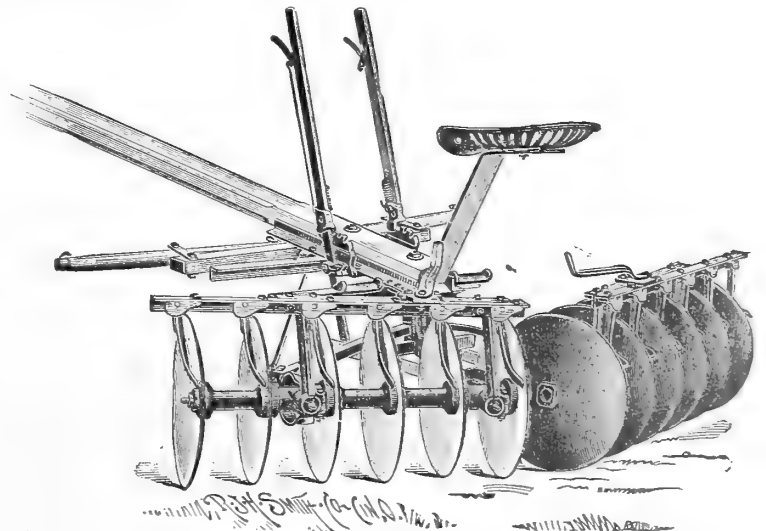
The "Model B" Disc Harrow.

The most practical disc harrow on the market. The bearings are of chilled iron and are fitted with steel balls running against chilled surface to take end thrust of disc gang. Box is cast solid in one piece, and chilled on inside, and is provided with dirt proof oil cups leading into an oil chamber, which effectually lubricates the bearings at all times.

No. 1. Twelve 16-inch discs, cut 6 feet, complete, with whiffletrees, evener, neck yoke and scrapers.

Mfrs. price, each, \$30.00. Our net price, \$26.00

Also a full line of Spike and Spring Tooth Harrows. Circulars and prices mailed on application.



See Special Offers on third page of cover.

The Auto-Spray.

We offer the "Auto-Spray" as the most generally useful of all spray apparatus. Briefly described, it has a capacity of four gallons and is made in two styles, galvanized steel and all brass. It works on the compressed air principle; simply pour in the solution, lock pump in position and give plunger a few strokes and it is ready to spray a quarter acre of small crops without reloading.

We also supply extension pipes for reaching tall trees. It will do anything any other spray pump will do and do it better and easier, though for extensive orchards we have larger apparatus as shown in our general catalogue, which we mail on request.

The "Auto-Spray" is also equipped with the "Auto-Pop" and "Anti-Choke" Nozzle when so ordered, which more than ever places the "Auto-Spray" beyond competition.

We recommend the "Auto-Spray" for its convenience, durability, efficiency and perfect agitation. We believe every user can save the cost of an "Auto-Spray" several times over in one season.

The "Auto-Pop" is an automatic "shut off" which doubles the efficiency of the "Auto-Spray" by saving half the solution and labor.

The "Anti-Choke" Nozzle construction is such that it is cleaned at every operation of the "Auto-Pop" and is the only nozzle made which positively cannot clog.

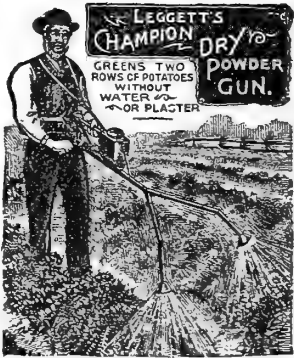
Descriptive circular on the "Auto-Spray," general catalogue of spray pumps or spray calendar sent on request.



	Our net price each
"Auto-Spray," No. 1, Brass tank without "Auto-Pop,"	\$6.00
"Auto-spray," No. 1, Brass tank, with "Auto-Pop" (recommended)	\$7.00
" " " Galvanized tank, without "Auto-Pop"	4.50
" " " " with "Auto-Pop"	5.50
"Auto-Pop," supplied separately	1.25
Copper strainer	1 25
Extension pipe, brass, 2 ft. length	.35
Elbow extension, brass	.35

Dry Powder Guns.

The distribution of the powder can be so easily regulated that a half pound or a pound of Paris Green may be evenly distributed over an acre of Potatoes. By leaving only a slight opening in the slats at the bottom of the reservoir, the faintest smoke of powder can be forced from the gun. Hellebore insect powder, etc., can be distributed better and more economically than in any other way.



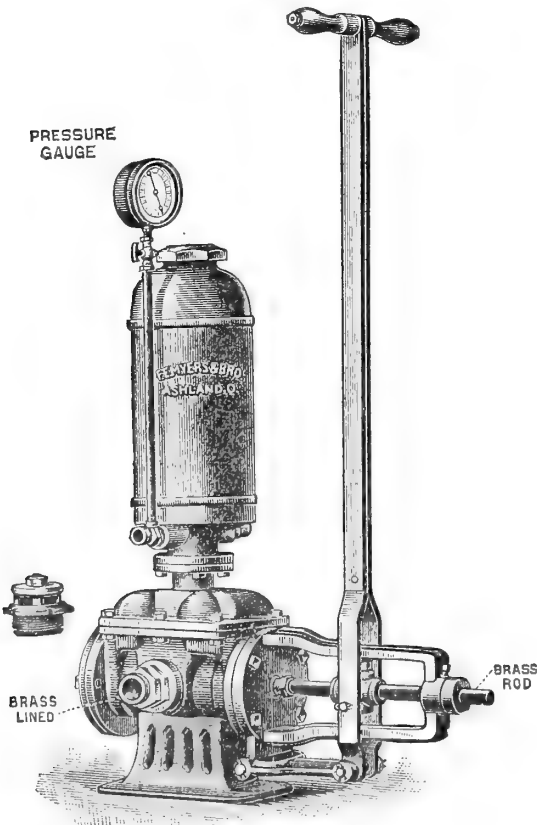
Leggett's Champion Powder Gun	Our net price, each	\$7.50
" Little Giant Powder Gun	" "	5.50
" Brownie Powder Gun	" "	3.50

Spray Pumps.

The subject of spraying fruit trees and small fruits has been so thoroughly discussed and written up in all its details and different phases in fruit growing periodicals and agricultural journals, coupled with the fact that every fruit growing State has its own Experiment Station, Agricultural Society or College from which documents and bulletins are issued free to its residents on application, giving results of experiments, different formulas for all kinds of insects and trees, in the most approved and scientific manner, containing complete information, describing the different insects, the formula to use, and how and when to apply it, thus establishing the fact that **spraying does pay, and is necessary to insure crops.**

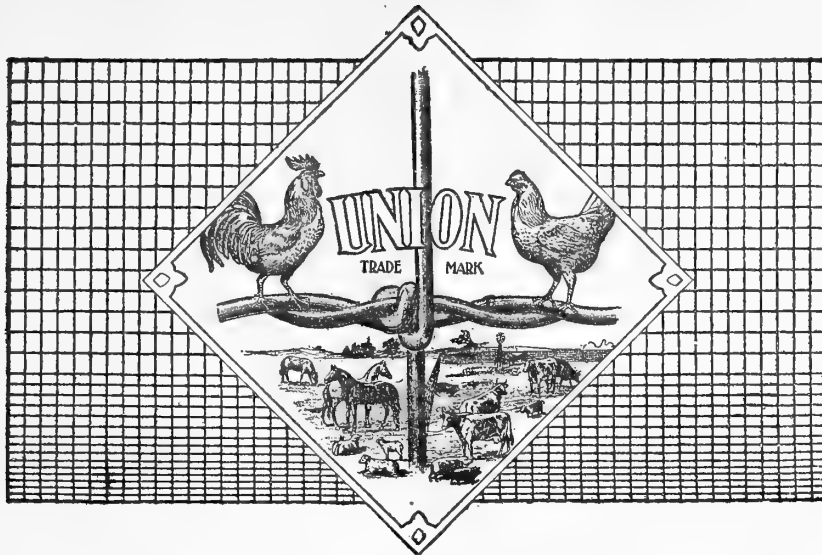
The Century Spray Pump, Fig. 961 (see cut)	Our net price	\$25.00
Hydraulic " " 893	" " "	36.00
Painting or Coating " " 1054	" " "	22.50
Imperial Brass " " 640	" " "	4.00
Brass Barrel " " 765	" " "	6.00
Double Acting Barrel Spray Pump, Fig 554	" " "	10.00
Breck Hand Force " " 700	" " "	4.50
Knapsack " " 547 (copper)	" " "	12.00
Lennox Knapsack " " 472 (galv.)	" " "	4.00

Our Hardware Catalogue describes each of above pumps. Mailed on application.



See Special Offers on third page of cover.

Union Lock Poultry Fence.

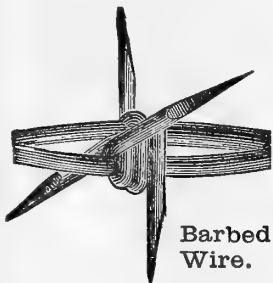


The Union Lock Fence, as the name implies, is securely locked at every intersection, so that it is impossible to pull it apart at the joints. All widths have $1\frac{1}{4}$ in. mesh from the bottom to the seventh cable, so that the smallest chicks may be confined. It will not sag or slack as poultry netting does, and is the neatest, most durable and economical fence on the market.

24 in.	Mfrs. price, per rod, \$0.56	Our net price, \$0.28	60 in.	Mfrs. price, per rod, \$0.96	Our net price, \$0.48
36 "	" " " .69	" " " .35	72 "	" " " 1.08	" " " .54
48 "	" " " .83	" " " .42	84 "	" " " 1.23	" " " .62

Bales contain 10 lineal rods, or 165 feet.

Wire Fencing.



Barbed Wire.



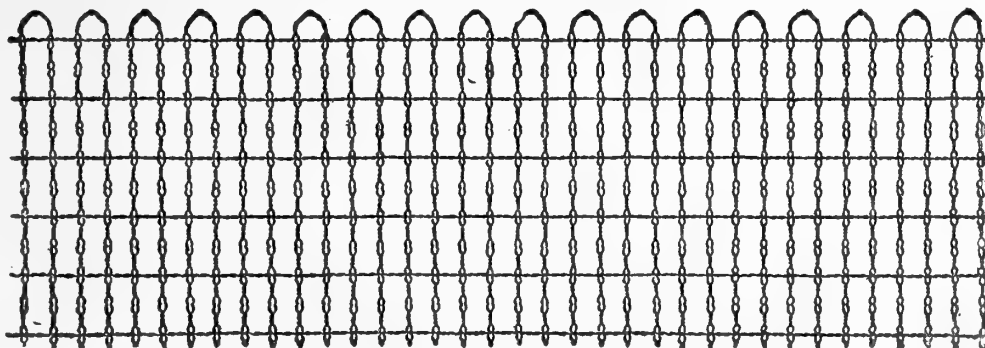
Ribbon Wire.



Plain Twisted Wire.

Barbed Wire, Regular, 4 point, or thick set	Our net price per lb. \$0.05
(1 lb. measures about 15 feet.)	
Plain Twisted Wire, 1 lb. measures about 16 feet	" " " .05
Ribbon Wire, 1 lb. " " 12 "	" " " .06
Staples for attaching above	" " " .05

Union Lawn Fence.



For Lawns, Division Fences, Churches, Cemeteries, etc., stronger, neater in appearance and less expensive than unsightly wood fence.

STANDARD FENCE.

Pickets $2\frac{5}{8}$ in. apart.

	PRICE.
24 in. high, 4 strands, per lineal foot	\$0.10
30 " 5 " " " " . . . . .	.12
37 " 6 " " " " . . . . .	.14
42 " 7 " " " " . . . . .	.17
50 " 8 " " " " . . . . .	.20

CLOSE MESH FENCE.

Pickets $1\frac{3}{4}$ in. apart.

	PRICE.
24 in. high, 4 strands, per lineal foot	\$0.15
30 " 5 " " " " . . . . .	.18
37 " 6 " " " " . . . . .	.21
42 " 7 " " " " . . . . .	.24
50 " 8 " " " " . . . . .	.27

Standard Rolls, 300 feet. Special lengths made to order.

Also Posts, Gates and Fittings for Union Lawn Fence, and several styles of Field, Farm and Park Fencing. Catalogues and estimates on application.

Not included in our Special Offers. Special prices for large quantities or for export.

De Laval Cream Separators.
(“Alpha” or “Disc” Bowl Type.)

The purpose of the Cream Separator is the quick and complete separation of cream from milk in the most practical and profitable manner possible.

The number of De Laval machines in use now nearly approaches 200,000 and their use and prestige and conceded superiority are world-wide.

Crank Humming Bird, capacity, 225 lbs.	. . . . .	Our net price, \$	65.00
Improved Baby No. 1, “ 325 “	. . . . .	“ “	100.00
“ “ “ 2, “ 450 “	. . . . .	“ “	125.00
“ “ “ 3, “ 850 “	. . . . .	“ “	200.00

Not included in our special offers. Catalogue mailed on application.

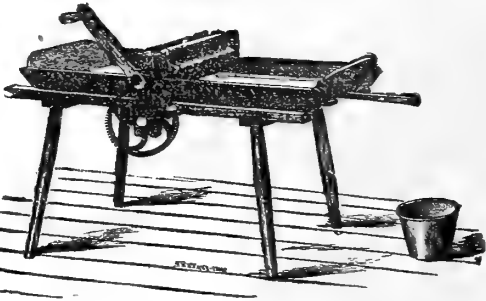
Butter Workers.

Waters’

No. 0	Our net price, \$	6.00
“ 1	“ “	7.00
“ 2	“ “	8.00
“ 3	“ “	9.00
“ 4	“ “	10.50

Reid’s

No. 1	Our net price,	8.00
“ 2	“ “	6.50
“ 3	“ “	5.50
“ 4	“ “	5.00



Churns.

Stoddard Barrel Churns.

No.	Capacity	Churns from	to	4 gal. cream	Mfrs. price.	Our net price.
No. 1	10 gal.	churns from 1 to 4 gal. cream	. . . . .	\$ 8.00	each, \$	7.00
“ 2	15 “	“ 2 “ 7 “	. . . . .	9.00	“	8.00
“ 3	20 “	“ 3 “ 9 “	. . . . .	10.00	“	9.00
“ 4	25 “	“ 4 “ 12 “	. . . . .	12.00	“	10.75
“ 5	35 “	“ 5 “ 16 “	. . . . .	14.00	“	12.50
“ 5½	45 “	“ 5 “ 20 “	. . . . .	17.00	“	15.00
“ 6	60 “	“ 6 “ 28 “	. . . . .	20.00	“	18.00

Blanchard Churns.

No.	Capacity	Will churn up to	2 gal. of cream	Mfrs. price.	Our net price.
No. 3	Will churn up to 2 gal. of cream	. . . . .	\$ 6.00	each, \$	5.00
“ 4	“ 4 “ “	. . . . .	7.00	“	6.00
“ 5	“ 8 “ “	. . . . .	8.00	“	7.00
“ 6	“ 12 “ “	. . . . .	10.00	“	9.00
“ 7	“ 16 “ “	. . . . .	12.00	“	11.00

Cylinder Churns.

No.	Capacity	Mfrs. price, each,	Our net price, each,
No. 0	1¾ gals.	\$2.25	\$1.50
“ 1	2¾ “	2.50	1.75
“ 2	4 “	3.00	2.25
“ 3	7 “	3.50	2.75
“ 4	10½ “	4.00	3.00
“ 5	15 “	4.50	3.25

Nova Scotia Grindstones.

Only the most carefully selected Bay de Chaleur stones are used. Best quality hardwood frames.

20 in.	22 in.	24 in.	26 in.	28 in.	30 in.	32 in.	34 in.	36 in.
\$7.20	\$7.65	\$8.10	\$8.55	\$9.00	\$9.45	\$9.90	\$10.80	\$11.70

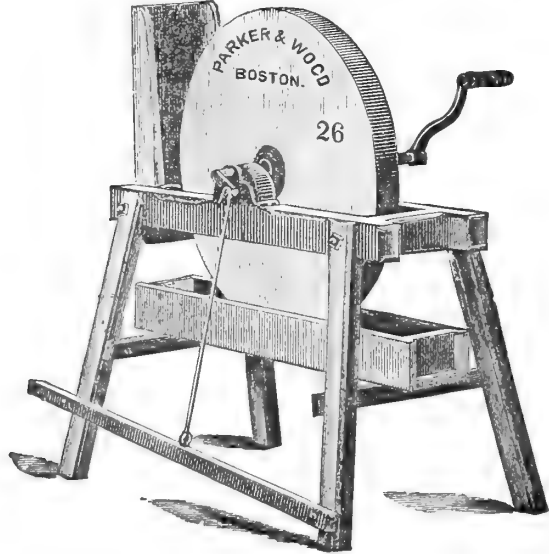
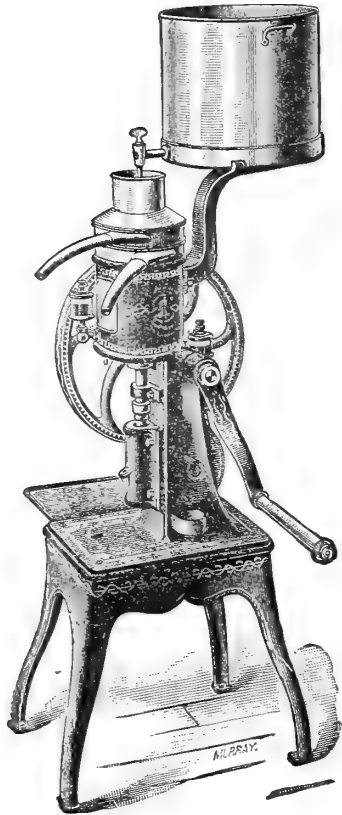
Scythes.



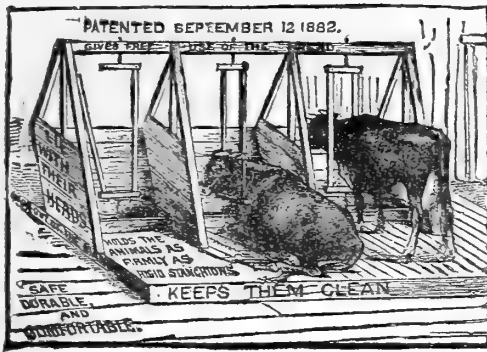
Breck’s “Victor,” warranted	. . . . .	Our net price, each,	\$1.25
High Grade, solid steel	. . . . .	“ “	1.00
Sibley Clipper	. . . . .	“ “	.75
Heavy Bush	. . . . .	“ “	.75
Weed, or Bramble	. . . . .	“ “	1.00

Hay Rakes and Scythe Snaths at lowest prices.

See Special Offers on third page of cover.

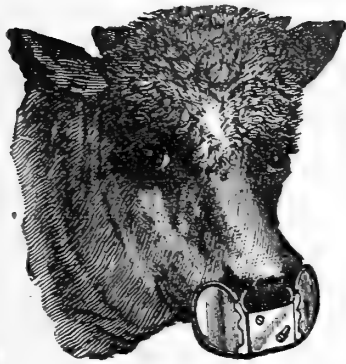


Cattle Stanchions.



Newton Ties complete, any size Our net price, each, \$1.70
 36 inch, regular size. 32 inch, special size. 24 inch, calf size.
 Chain Hanging Stanchion. No. 1. Size for
 Cows, complete, ready to hang Our net price, each, \$2.00
 Chain Hanging Stanchion. No. 2. Size for
 Oxen, complete, ready to hang " " 2.50
 Chain Hanging Stanchion. No. 3. Size for
 Bulls, complete, ready to hang " " 3.75
 Prescott Swinging Swivel Stanchion for Cows " " 1.75
 Breck's Improved Swivel Stanchions " " 1.35
 The Breck Stanchion is very simple and is steadily gaining in favor.
 See it before purchasing elsewhere.

Stanchions not included in our Special Offers. Descriptive circulars mailed free.



Rice's Calf Weaner.

For preventing calves and cows sucking themselves or each other. The only weaner made giving perfect freedom to the animal.

No. 1, for calves, each, \$0.30
 No. 2, 1 to 2 years " .50
 No. 3, for full grown .75
 By mail, No. 1, 35 cents; No. 2, 56 cents; No. 3, 85 cents.

Milking Tubes.



White Metal Plated.

No. 1, or common size, each, \$0.25 Five for \$1.00
 No. 2, longer35 Four for 1.00
 No. 3, longest45 Three for 1.00
 Full set, one of each size Per set 1.00
 Solid coin silver (see cut) each, .75
 Sent by mail, postage paid, on receipt of price.

Boston Aseptic Milking Tubes.



These tubes are as finely made as any surgical instrument. Furnished in assorted sizes.

Thoroughly cleanse in boiling hot water before and after using.

Plain in assorted sizes, our net price per doz. \$3.50 | Self Retaining in assorted sizes, our net price per doz. \$4.00

Genuine Swiss Cow Bells.

Can you imagine a prettier rural scene than the sight of a herd of cows as they come trooping home from the pasture at the close of a summer's day, with the favorite heifer, the pride of the herd, leading? Don't you think she deserves to be adorned with a bell, one worthy the name?

Tuned to Accord, with Straps.

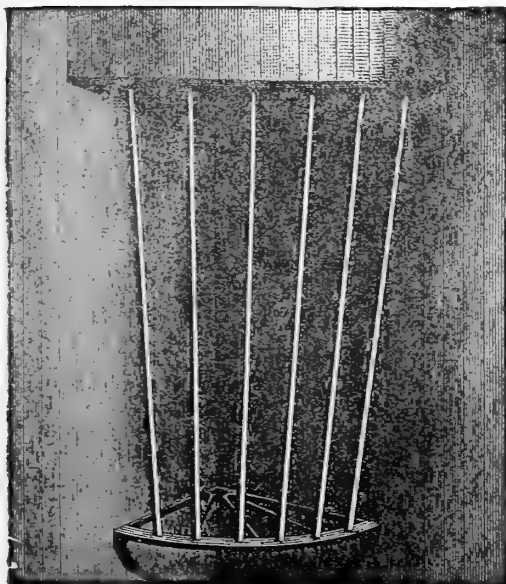
One each, 4, 5, and 6 1/4 inch Our net price, per set, \$4.00

Not Tuned and Without Straps.

Our net price, each 4 inch, \$0.70 5 inch, \$1.20 6 1/4 inch, \$2.00

Bull Rings.

Copper, 2 in., best quality Each, \$0.35 | Copper, 3 in., best quality Each \$0.45
 " 2 1/2 " " " .40 | Bronze Metal, 3 1/2 in., extra heavy " 1.25
 Sent by mail, postage paid, on receipt of price.

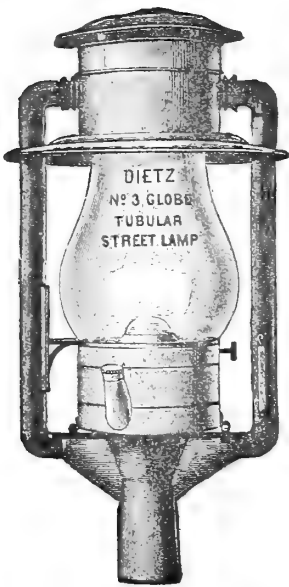


Stable Fittings.

Cast Iron Corner Manger, 17 x 17	Our net price \$1.40
" " " 14 x 14	" " 1.25
Slow Feed " " 17 x 17	" " 2.00
Salt Dish, 6 x 8	" " .90
" 8 x 10	" " 1.00
Corner Hay Rack, cast iron	" " 1.50
" " " wrought iron	" " 1.40
Stall Collar, cast iron	" " 2.00
Whip Rack, for five whips	" " .45
Stable Gutter, heavy, per foot	" " .70
Wire Partition Guards, per square foot	" " .50
Water Trough, with overflow, 25 x 14 x 12	" " 5.75
Sponge Rack, 14 x 6 x 6	" " 1.80

Complete catalogue of Stable Fittings mailed on application.

See Special Offers on third page of cover.



Globe Tubular Street Lamp No. 3.

Light is equal to 22½ candle power, actual test (U. S. Government). The ordinary gas street light is from 12 to 16 candle power. No Chimney. Light equal to gas, at less cost. Patent Globe Lifter. Outside Wick Regulator. Does not smoke. Casts no shadow. Is not affected by the strongest wind. Can be regulated to burn a certain number of hours. Fount holds sufficient oil to burn 24 hours.

	Mfrs. price.	Our net price.
No. 3 Globe Tubular Street Lamp	\$6.00	\$5.00
“ “ “ Hanging Lamp	6.00	5.00

Carriage Jacks.

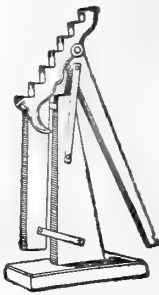
Prescott. (See cut).

No. 1	Standard, light carriage	Our net price, \$1.00
“ 2	“ “ wagons	“ “ 1.50
“ 3	“ heavy “	“ “ 1.75

New Samson.

For all kinds of heavy Trucks, Fire Engines, etc. Strongest Jack made. Lowers automatically. Made of the best quality malleable iron.

No. 5	Will raise vehicle weighing 6 tons.	Weight 25 lbs.	\$5.00
“ 6	“ “ “ “ “ 8 “	“ 28 “	7.00



Horse Mowers, Rakes and Hay Tedders.

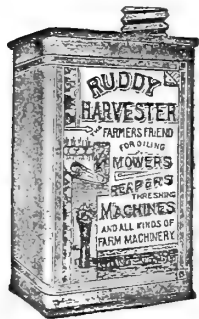
Our limited space does not permit of a lengthy description of this class of machinery. We are agents for the celebrated Worcester Buckeye Mowers, Worcester Horse Rakes and Bullard Tedders. While the prices at which these machines are sold are a trifle higher than those asked for Western makes, it must be borne in mind that these machines cost more, as they have to be built heavier and of the very best material, for use on our New England farms, consequently, after ten years of service they are practically as good as new, while the Western machines are worn out or are costing an exorbitant price for repairs. Descriptive circulars and prices on application.

Hay Carrier Outfits.

The rapidity with which the hay crop is made ready for storing renders it necessary to provide means for handling it quickly in the barn. This is done by the use of a Hay Carrier system, which is easily put into any barn and at a reasonable price.

Estimates furnished on application. In inquiring for prices, please state if wood or steel track is wanted, length of barn, number of rafters, height from pole to ridgepole, and send rough sketch of barn showing location of doors and bays. Descriptive circulars mailed free.

Ruddy Harvester Oil.

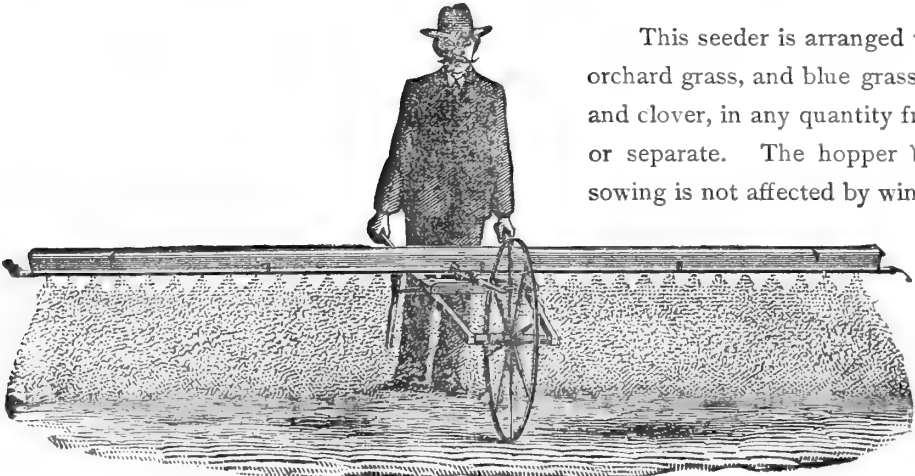


Ruddy Harvester Oil is made especially for mowing machines, reapers and other kinds of farm machinery and has never failed to give satisfaction. The oil is pure, free from grit, and is warranted not to gum or injure the finest machinery. Beware of the so-called mowing machine oils usually offered by agents. By using them you will damage your machinery.

Ruddy Harvester Oil is put up in convenient cans ready for use, as follows :

	Mfrs. price.		Our net price.
1 qt. cans, per doz.	\$6.00	Each	\$0.35
½ gal. cans “	9.00	“	.60
1 “ “	15.00	“	1.00
5 “ “	36.00	“	2.50

Thompson Wheelbarrow Grass Seeder.



This seeder is arranged to sow all chaffy seeds such as red top, orchard grass, and blue grass, and all seeds like timothy, hungarian and clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate. The hopper being carried close to the ground, the sowing is not affected by wind.

No. 5 Seeder, complete, with 14-ft. hopper.

Mfrs. price	each, \$13.00
Our net price	“ 9.00

No. 4 Grain Hopper only, to use instead of regular Hopper.

Mfrs. price	each, \$6.00
Our net price	“ 4.00

Ross Ensilage and Fodder Cutters.

For 50 years the Ensilage and Fodder Cutters built by the E. W. Ross Co., of Springfield, Ohio, have stood ahead of all others for effectiveness, durability and quality. Many improvements have been made, and at the present time there does not seem to be a great deal of room for further improvement. They are built in all sizes, from the small hand machine to the immense machines requiring 10 to 15 horse power to run them, and having a capacity of 35 tons of ensilage per hour. Be sure to see them before purchasing.

Cutters at all prices ranging from \$4.00 to \$500.

Descriptive catalogue mailed on application.

Mann's Bone Cutter.

The Mann's Green Bone Cutter is offered to the poultry world on a warranty to produce a perfectly edible poultry food, with no waste, from any average lot of butcher's

bones with less labor and less annoyance than any other bone cutter.

No. 5 C, Crank only	Our net price,	\$6 00
" 5 B, Balance Wheel	" "	8.00
" 5 B, M, Bal. Wheel Mounted	" "	10.40
" 7, Balance	" "	12.00
" 7½, Hand and Power	" "	16.00
" 9, Balance Wheel Mounted	" "	18.40
" 11, For Power	" "	26.00
No. 12, For Power	" "	30.00
" 14, "	" "	60.00
" 15, "	" "	76.00
" 16, "	" "	225.00

Descriptive Circulars mailed on application. Not included in our special offers.

Green Mountain Silos.

The silo is beyond the experimental stage and is recognized to-day as the best investment in reach of the farmer. It has been demonstrated that it will yield larger dividends and pay for itself quicker than almost any other practical aid to successful farming. A silo will increase by 20 per cent. yearly the profit on each milch cow wintered.

If you are interested in the silo question, we have a catalogue giving silo facts and comparisons, and listing sizes, which we will be glad to mail you on application.

The Green Mountain Silos are perfect in construction, only the very best material being used.

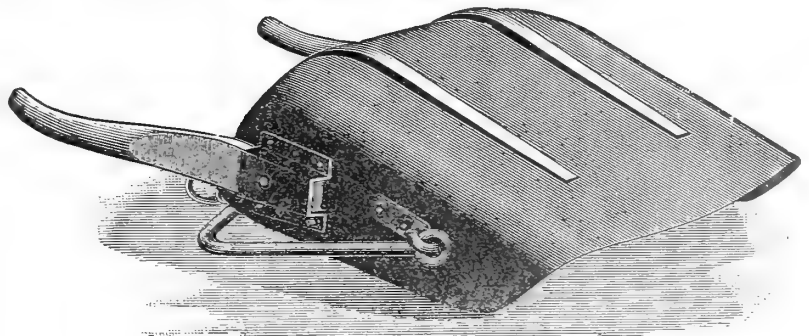
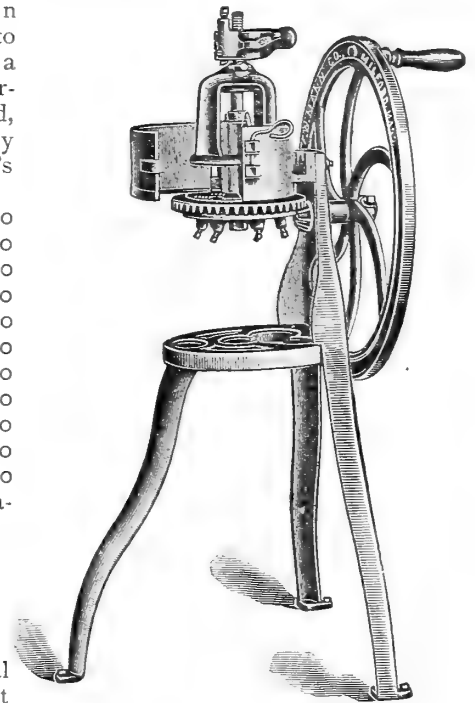
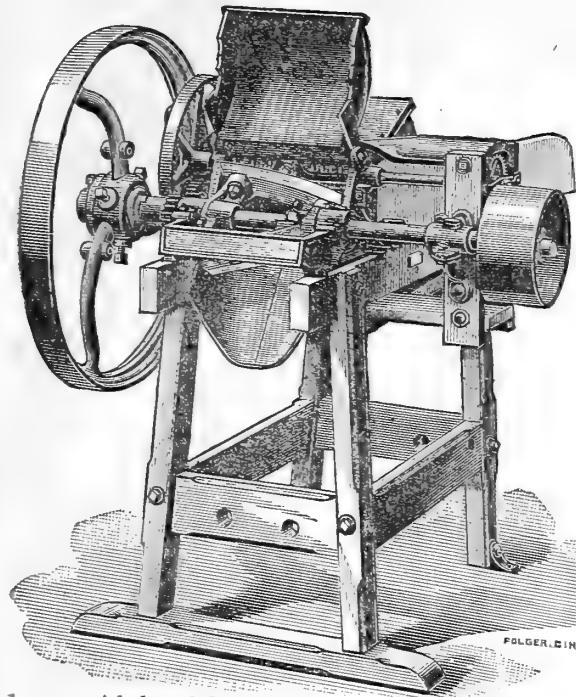
Not included in our Special Offers. Correspondence solicited.

Solid Steel Drag Scrapers.

These scrapers are made from heavy plates, of specially hardened steel, and are stamped from one sheet without joint, seam or rivet. The bowl, owing to the sharp, rounded nose, will enter the ground more readily than any other scraper. We guarantee this scraper in every particular.

No. 1, capacity 7 cu. ft.	Our net price,	\$8.00
" 2, " 5 "	" "	7.50
" 3, " 3 "	" "	7.00

See Special Offers on third page of cover.



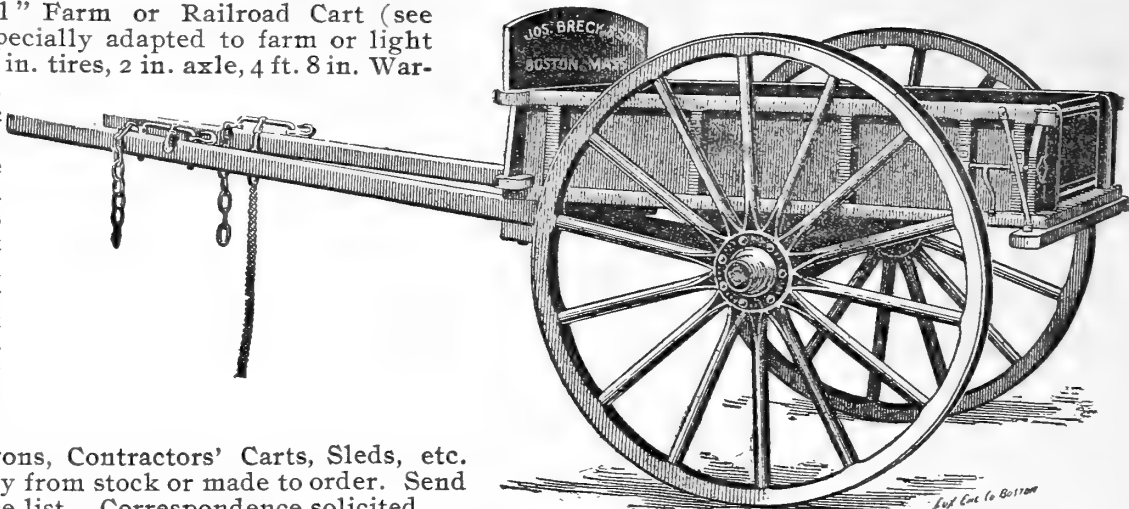
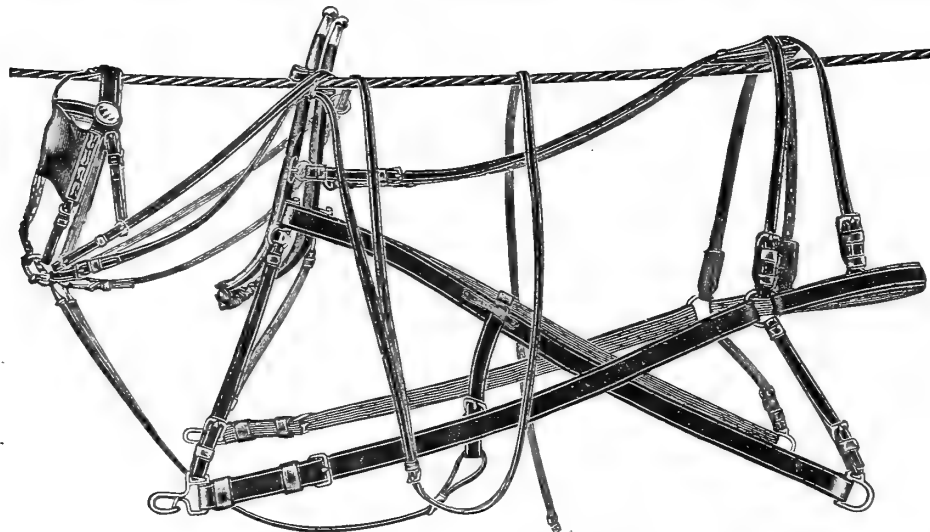
BRECK'S "SPECIAL" FARM OR RAILROAD CART

Breck's "Special" Farm or Railroad Cart (see illustration) is especially adapted to farm or light contract work. 4 in. tires, 2 in. axle, 4 ft. 8 in. Warner hub wheels. Capacity 22 cubic feet.

Nothing but the best material, both wood and iron, is used. Each cart is well painted and we can assure our customers that they compare favorably with any offered in New England.

N.B. Farm Wagons, Contractors' Carts, Sleds, etc. furnished promptly from stock or made to order. Send for illustrated price list. Correspondence solicited.

Farm or Railroad Cart,	. . . . .	Mfrs. price each, \$75.00	Our net price, each, \$60.00
Shifting sides for same	. . . . .	" set, 6.00	" set, 5.00

**OAK TANNED LEATHER HARNESS, STRICTLY HAND MADE****BRECK'S EXTRA DOUBLE TEAM HARNESS.**

We offer an excellent line of harness, made expressly for us in large quantities at very low prices, quality being considered. These are not the cheap machine sewed harness that generally give out during the first rain storm they are used in, but a plain, well finished, strong, hand sewed article, that we guarantee to be exactly as represented. Any style of harness built to order promptly and at a reasonable price.

	Our net price.		Our net price.
Special Cart Harness, complete, less collar .	\$26.00	Collars, extra quality, all sizes, each . . .	\$3.25
Extra Double Team Harness, less collars .	54.00	Sweat Pads, all sizes, each . . . . .	.50
Double Farm Harness, complete, less collars	42.00	Hame Straps, common, 20 inch, each . . .	.35
Single Driving Harness	24.00	" " " extra, 1 1/2 x 24 inch, each . . .	.35
Single Express Harness	32.00	" " " 1 1/2 x 30 " " . . .	.40

In addition to the foregoing we carry in stock a complete assortment of Trace, Whiffletree, Stake, Back, Breast and Tailboard Chains, Back and Belly Bands, Hames, Halters, Tie Ropes, Stake Irons, Wire Cushions, 3 Bow Tops, Umbrellas, etc., at lowest market prices.

"IDEAL" ICE CREAM FREEZER.**Will make Ice Cream in less than three minutes.**

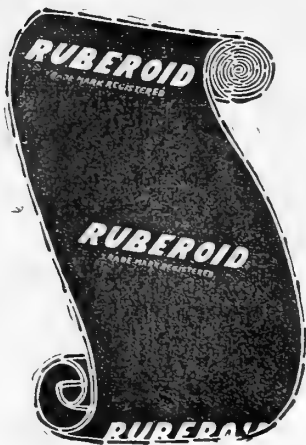
The "Ideal" freezer can be used in any kitchen, dining room or parlor without soiling linens, carpets or furniture. With this freezer one can freeze again and again until all the ice in the freezer is consumed. Any quantity of ice cream from one pint to one gallon can be made and the process repeated as often as necessary to supply any reasonable number of people without renewing ice or cleansing can. The ice receptacle is air tight and thereby retains the cold for an unusual period, giving the greatest economy in the matter of ice.

Satisfaction guaranteed or money refunded.

Mfrs. price, per doz.	\$42.00	Our net price, each, \$3.50
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See Special Offers on third page of cover.





Ruberoid Roofing.

Ruberoid roofing has been the standard prepared roofing for twelve years. It is used on prominent buildings throughout the world. Expert architects everywhere specify it because of its well-known reputation for unequaled durability and efficiency.

Ruberoid roofing is ready to apply when sold. With each roll we supply sufficient nails, tin caps and cement for laying. No experience is required to apply it. Its convenience in this respect makes it particularly valuable in isolated districts where a professional roofer cannot be had.

Outlasts tin, iron or shingles. Lives indefinitely with but ordinary care. The first ruberoid roofs laid, twelve years ago, are still giving satisfactory service under severe conditions.

Price List.

$\frac{1}{2}$ ply, per sq. or 100 sq. ft.; weight, $\frac{1}{2}$ ply 26 lbs. per sq.				Our net price, per sq.			
1	"	"	"	1	33	"	2.25
2	"	"	"	2	44	"	3.25
3	"	"	"	3	54	"	4.00

(Not included in our Special Offers.)

Also P and B Sheathing Paper, Ruberine Paint, etc., Circulars and Samples mailed on application.

Never Slip Wire Stretcher.

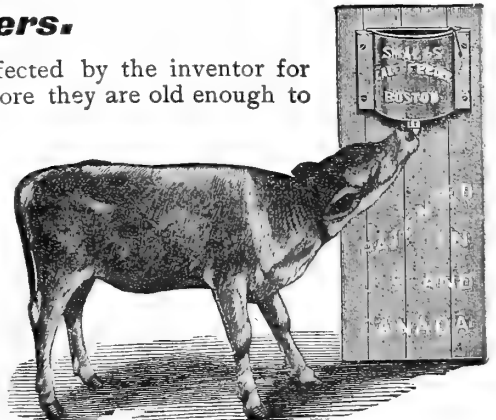
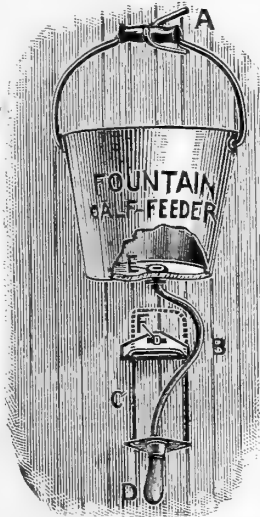


If you cut or injure the galvanizing on a wire it lets in rust. Consequently the wire is weakened and breaks at this point. The **Never Slip** stretcher has an iron jaw, but no teeth. When it gets a hold it never lets go, but hangs on with a deathlike grip to all kinds of wire. Our net price, \$1.00 each.

Small's Calf Feeders.

This article was designed and has been perfected by the inventor for feeding milk to young calves in a natural way before they are old enough to eat and drink otherwise.

The original Small's Calf Feeder is shown in the right hand cut. The Fountain Feeder was designed by the same inventor to meet the competition of several cheap feeders now offered the public which have no particular merit, whereas the Fountain retains all the merits of the Original.



Original Small's Calf Feeder.	Our net price,	
each		\$2.50
Fountain Calf Feeder.	Our net price, each	1.25
One extra Nipple for either feeder, by mail		.25
Five extra Nipples for either feeder, by mail		\$1.00
Add for postage on Fountain Feeder, each		.15

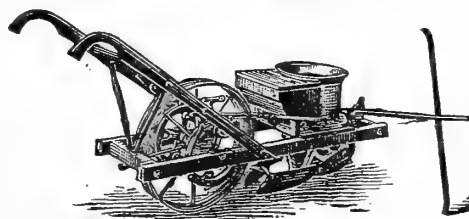
White Mountain Ice Cream Freezer.



Our net prices.

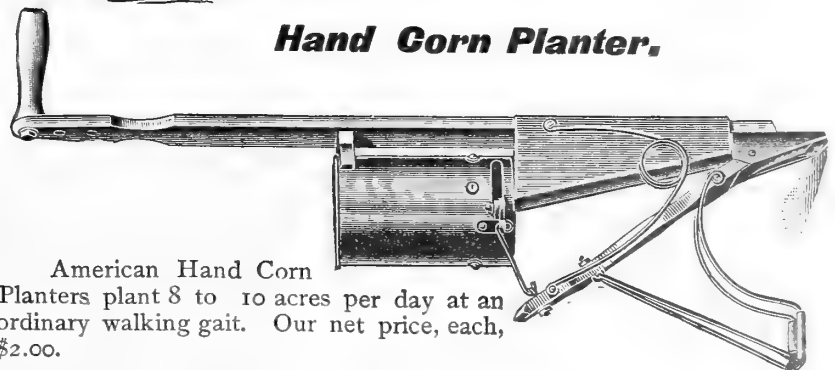
2-qt.	\$1.75;	10-qt.	\$5.50
3 "	2.00;	12 "	6.50
4 "	2.50;	15 "	8.50
6 "	3.00;	20 "	11.50
8 "	4.50;	25 "	13.50

Horse Corn Planters.



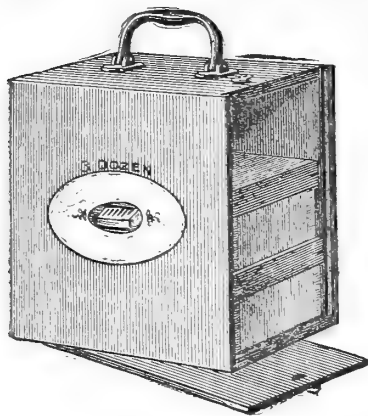
We are agents for both the King of the Corn Field and Eclipse Corn Planters. Both can be highly recommended for New England. Our net price for either, \$22.50.

Hand Corn Planter.



American Hand Corn Planters plant 8 to 10 acres per day at an ordinary walking gait. Our net price, each, \$2.00.

See Special Offers on third page of cover.



Breck's Egg Carrier.

The Breck's Egg Carrier is made of pine, light and durable, locked corners, handsomely painted, japanned iron drop handle, brass hook and pasteboard cartons. No poultry raiser, farmer, grocer or provision dealer should be without this Carrier.

3 doz. each, Carton holds	1 doz.	Our net price, each, \$0.35
5 " " "	1 2/3 " "	" " .50
8 " " "	2 " "	" " .60
10 " " "	1 2/3 " "	" " .75
12 " " "	2 " "	" " .80

Extra Fillings.

Capacity, dozens	3	5	8	10	12
Our net price, per set,	\$0.03	\$0.06	\$0.08	\$0.12	\$0.12

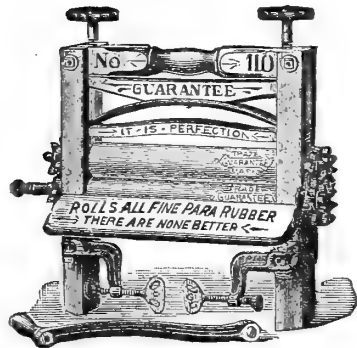
Clothes Washers.

Our Vandergrift Rotary Washer and the Pan-American Washers are guaranteed to be perfect in every respect. If they do not prove all we claim for them, they can be returned and the money paid refunded. All we ask for is a trial.

Vandergrift Rotary Washer (see cut).	Our net price each	\$8.00
Pan-American " " "	" " "	5.00



**Clothes Wringers.
Wood Frame.**



Name.	No.	Length of roll.	Length of warrant.	Bearings.	Mfrs. price per doz.	Our net price each
Bicycle	770	10 in.	3 years	Ball	\$62.00	\$3.50
"	771	11 "	3 "	"	70.00	4.00
Easy	730	10 "	1 "	"	50.00	2.75
Kingston	660	10 "	3 "	Plain	52.00	3.00
Windsor	650	10 "	2 "	"	46.00	2.50
Brighton	630	10 "	1 "	"	40.00	2.25
110B Hartford (household style) rolls		10 x 1 3/4	Bench Wringer			4.50
112B " " "		12 x 1 3/4	"			5.50

Iron Frame.

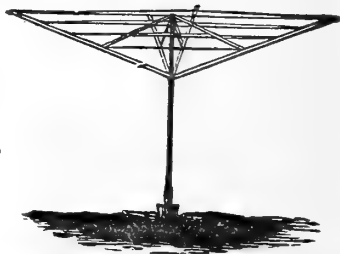
Pioneer	22	10 in.	1 year	Plain	36.00	2.00
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Breck's Outside Clothes Dryers.

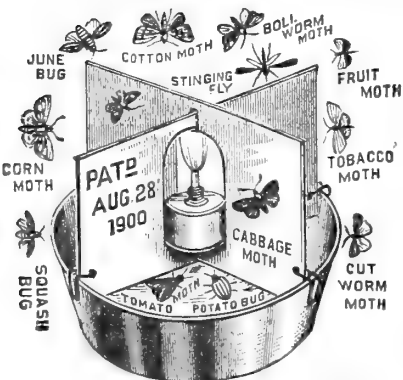
I. X. L.	No.	45 (see illustration)	110 ft. line	Japanned trimmings	Our net price.
"	"	46	"	"	Each, \$3.00
"	"	49	"	"	" 3.25
"	"	50	"	galvanized	" 3.25
"	"		"	"	" 3.50

Bay State Outside Clothes Dryer.

Bay State Cedar Post, Arms 8 to 10 feet long. Painted green, each, \$5.00.



Haseltine's Moth Catcher.



It is cheaper and better than spraying. No fruit grower, farmer or gardener can afford to be without it. This Moth Catcher destroys the moth that injures the honey and bees, so that anyone who desires can keep an apary with this trap. This trap kills all the pests.

Gem Food Choppers.

The Gem is the best food chopper made; that we guarantee because it has been demonstrated by actual use in many kitchens.

It takes the place of chopping bowl and knife, and relieves the housekeeper of much work; saves time, and is altogether a great kitchen convenience.

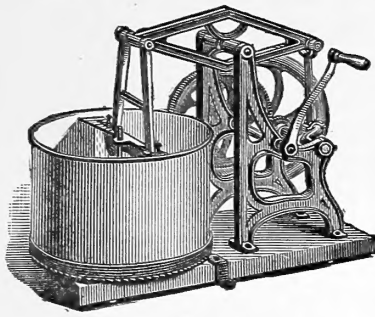
No.	20.	Small,	\$1.25
"	22.	Medium,	1.75
"	24.	Large,	2.25



S.A. HASELTINE'S
MOTH CATCHER

By mail
Small size, \$0.85 \$1.10
Large " 1.00 1.40

See Special Offer on third page of cover.



American Meat Chopper.

For chopping fruit, vegetables and any material of a similar nature, as well as meat, the American Chopper is unexcelled.

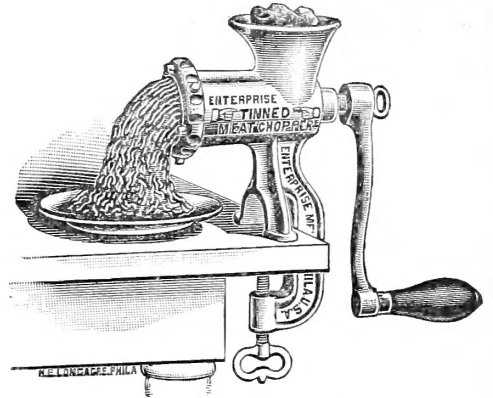
No.	1	8 in. cylinder, chops	2 lbs. in 3 minutes	Our net price.
"	2	10 " "	5 to 6 " 3 " . . .	each, \$ 4.50
"	3	12 " "	8 to 10 " 4 " . . .	" 6.25
"	A	12 " "	8 to 10 " 4 " . . .	" 9.00
"	4	15 " "	50 to 60 " 60 " . . .	" 10.75
"	D	18 " "	60 to 80 " 60 " . . .	" 22.50
"	5	20 " "	80 to 100 " 60 " . . .	" 45.00
				" 54.00

Enterprise Meat Choppers.

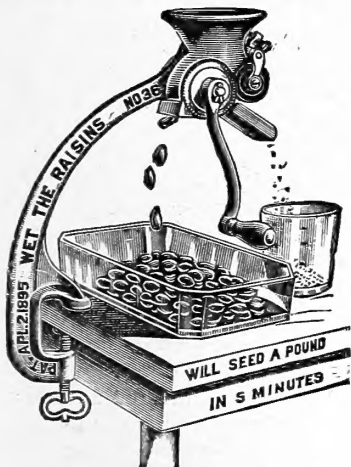
All Enterprise Choppers thoroughly tinned.

No.	2	1	lb. per minute	Our net price.
"	4	1 1/2	" "	each, \$ 1.35
"	6	2	" "	" 1.75
"	8	3	" "	" 2.75
"	5	1	" "	" 4.00
"	10	2	" "	" 1.80
"	12	2	" "	" 2.85
"	20	3	" "	" 2.50
"	22	3	" "	" 5.40
"	32	4	" "	" 4.00
"	42	5	" "	" 5.70
				" 14.25

Descriptive catalogue of Enterprise goods mailed on application.

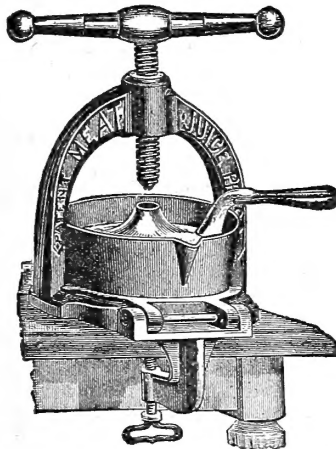


Raisin Seeders.



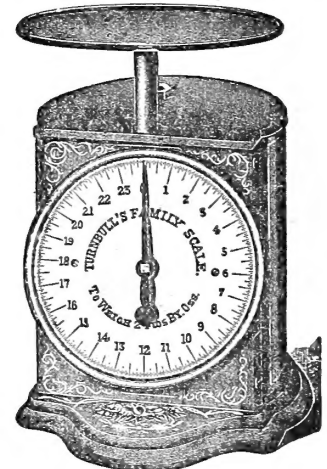
	Our net price.
Breck's	each, \$0.50
Enterprise, Family	" 1.00
" Hotel	" 2.50

Meat Juice Press.



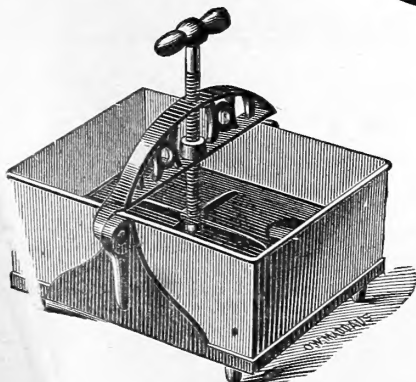
No.	1 C	Infant	Our net price.
"	2 C	Family Small	each, \$1.00
"	2 B	" Swing	" 1.50
"	3 B	" Large	" 2.00
			" 3.50

Family Scales.



No.	292	12 lb. x 1 oz. Tin	Our net price.
"	Scoop	each, \$2.50	
No.	297	24 lb. x 1 oz. Tin	
"	Scoop	" 2.50	
No.	292 B.	12 lb. x 1 oz. Brass Scoop	" 3.25
No.	297 B.	24 lb. x 1 oz. Brass Scoop	" 3.25

Meat Press.



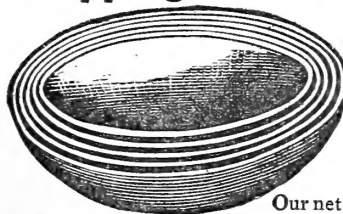
No.	1	6 x 9 x 4	Our net price.
"	"	8 x 12 x 5	each, \$2.25
"	"	10 x 14 x 16	" 3.25
			" 4.25

Rolling Pins.



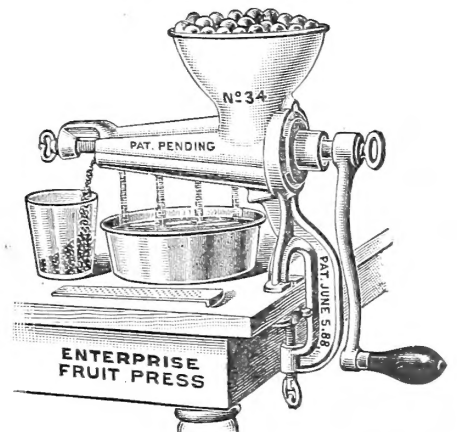
	Our net price.
10 in. Revolving	each, \$0.05
12 x " "	" .10
12 xx " Cherry	" .15
Creased "	" .10

Chopping Bowls.



No.	13 in. Diameter	Our net price.
"	15 " "	each, \$0.15
"	17 " "	" .20
"	19 " "	" .30
		" .40

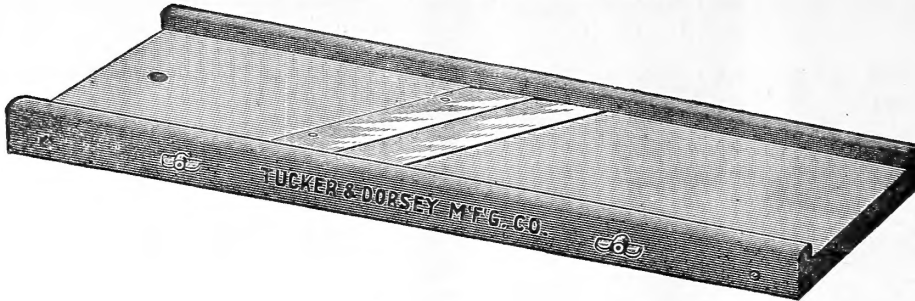
Fruit Press.



No.	34	Family	Our net price.
"	46	Family large	each, \$ 2.85
			" 14.00

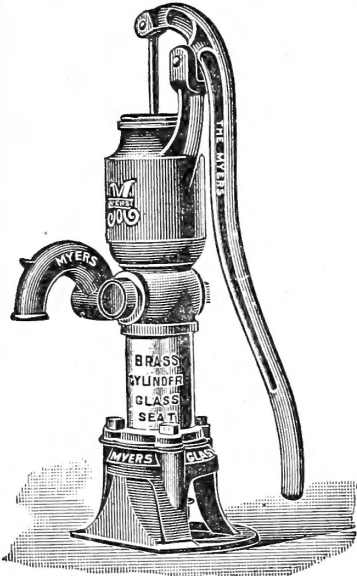
See Special Offers on third page of cover.

Slaw and Kraut Cutters.

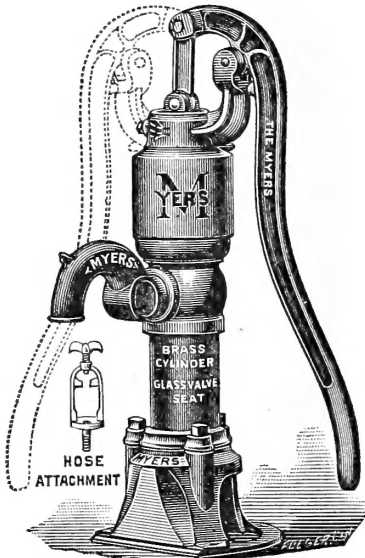


No. 1 Slaw, 1 Knife	Net price, \$0.25	No. 5 Kraut, 3 Knife and Box, 9 x 30.	Net price, \$2.25
" 2 " 2 "	" .40	" 7 " 3 " " 12 x 36.	" 3.50
" 2 Kraut 2 " and Box, 8 x 26 .	" 1.20	" 8 " 4 " " 12 x 36.	" 4.00
" 3 " 3 " " 8 x 26 .	" 1.35		

Brass Cylinder House Force and Lift Pumps.



No. 245.



No. 251.



No. 220.

The pumps shown above are novel in design and different from all other makes. Very nicely finished and durable. Reversible handles and non-freezing. They are fitted with special pipe couplings which take lead or iron pipe. Lead pipe can be attached direct without solder. This device is used on no other pumps. Glass Valve Seats.

No. 245. House Lift Pump fitted with 3-inch Brass Cylinder. Our net price, each	\$5.50
No. 251. Double Acting Force Pump fitted with upper Brass Cylinder and 3-inch Brass lower Cylinder, Glass Valve Seat and Drop Valve. Our net price, each	8.00
No. 220. Brass Cylinder Pitcher Pump fitted with 3-inch Brass Cylinder. Our net price, each	5.00

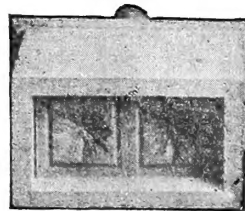
Extension Ladders.

The Diamond Extension Ladder is constructed in the most thorough manner and is light and very easily handled. Made of best selected timber, well ironed.

When ordering extension ladders add four feet for splice at regular price per foot.

Our net price, per ft. . . . \$0.28

Butter Moulds.



1/2 lb., two 1/4 lb. prints	Our net price, each, \$0.85
1 " " 1/2 " "	" " 1.00
Add for each letter extra	" " .20
" " " Old English letter extra	" " .25

N. B.—Also 1,000 or more articles for which we have no room in this book. Our Large Hardware Catalogue tells about them. Page 21 tells you how to obtain it.

See Special Offers on third page of cover.

PLEASE READ THIS BEFORE MAKING UP YOUR ORDERS.

SPECIAL OFFERS.

Carriage Paid or 10 Per Cent. Discount Allowed.

We make the following offers on all orders made up from our **ANNUAL CATALOGUE FOR 1904**, at the net cash prices therein stated (except as noted), **SENT US BY MAIL OR EXPRESS, ACCOMPANIED BY CASH**

OFFER No. 1.

We will send **GOODS PREPAID** by Mail, Express, or Freight, as we may deem advisable, **TO ANY CITY OR TOWN IN NEW ENGLAND.**

OFFER No. 2.

We **DELIVER ALL MAILABLE** goods (except those marked net), including Vegetable and Flower Seeds quoted, by packet, ounce, pound, pint or quart; also Bulbs (except Caladiums), to any **POST-OFFICE** in the United States.

OFFER No. 3.

WHERE CUSTOMERS PAY TRANSPORTATION CHARGES THEMSELVES we will allow **A DISCOUNT OF TEN PER CENT** on all goods except those marked net.

PLEASE REMEMBER.

That orders sent in early **SECURE THE FIRST SELECTIONS.**

That our **SPECIAL OFFERS** are **POSITIVELY LIMITED** to **ORDERS BY MAIL or EXPRESS ACCOMPANIED BY CASH**, postal note, draft on New York or Boston, stamps, express or post-office money order.

That "Special Offers Nos. 2 and 3" are especially advantageous to **PARTIES LIVING OUTSIDE** of New England; when goods are not mailable, in a majority of cases the 10 per cent. discount will offset transportation charges.

PLEASE NOTE.

We offer such extraordinary inducements for orders sent us by mail or express, accompanied by cash, because we can execute them in the quiet of our mail order department with promptness, dispatch, and with goods of the highest excellence, and increase the volume of our business without impairing the efficiency of its service.

BAGS.—Persons remitting with their orders should include a sufficient sum to cover cost of bags necessary to contain purchase. Prices are: 2 bu., 16 cts; 1 bu., 15 cts; 1-2 bushel, 12 cents; 1-4 bushel, 8 cents; 1-8 bushel, 6 cents. The amount charged will be refunded if bags are returned in good condition free of expense to us, within one month from date of purchase.

Joseph H. Procter & Sons
(CORPORATION.)

Our Store, opposite North side of Faneuil Hall, is only a minute's walk from Adams Square Subway Station.

JOSEPH
BRECK & SONS
(CORPORATION)
BOSTON, MASS

Electissima
Et vilissimi.

EVERYTHING FOR

Established
1822

FARM
GARDEN
AND LAWN

TRADE MARK.